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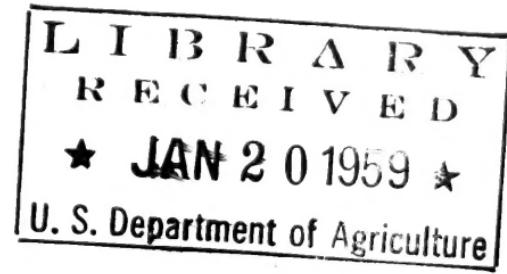
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*Noteworthy*

# FLOWERING TREES AND SHRUBS

*for the*

## HOME LANDSCAPE



"*Quiet End*"

## KINGSVILLE NURSERIES

Kingsville, Maryland

H. J. HOHMAN

# *Rare Plants*

are not always new introductions. The following catalog of selected TREES, SHRUBS, AND PLANTS includes many new and old plants seldom found in nurseries. We, therefore, offer you our catalog and trust that we may be able to help you in locating plants that are unusual and some that are very rare.

## **PLEASE READ CAREFULLY OUR CONDITIONS OF SALE**

**EXACT TRUENESS OF NAME.** We spend much time going over labels, checking up among each group of plants to make certain that none are mixed, and if any doubt arises as to the trueness of any name, we make every effort to have the proper name identified. All of this to make certain that properly named plants are supplied with each order. Should any prove untrue to name, we will do our best to correct the error.

**QUALITY OF PLANTS.** At all times we try to select plants that meet the customer's expectation. There are occasions when we are compelled to supply plants slightly under grade only because stock is limited and selections had been made previously. We always try to select a very satisfactory grade.

**SELECTION OF PLANTS MADE BY THE CUSTOMER** in our nurseries, will be charged for according to the quality of the plant selected. We have many specimen plants in many sizes, and these can even be super-specimen grade.

**IT IS IMPOSSIBLE TO GUARANTEE THE LIFE** of any plant we do not have such control. When plants leave us we have no way of knowing the treatment they will receive. Then too, some plants which are perfectly hardy here in our nurseries, may not be perfectly hardy where the winter may be different from here. Over this, again we have no control. We make many tests to prove hardiness, especially among the rarer plants, but it is possible that those that prove perfectly hardy for us, may not survive when planted some other place. Drought often causes death to plants and we cannot guarantee against this.

**BREAKAGE ENROUTE TO CUSTOMER.** Once we have delivered shipment to Express Agent, any damage that may occur should be taken up with the Express Agent from whom you receive shipment. He will immediately file your claim for damages which occur while in transit.

**A CHARGE MUST BE MADE** for boxing and crating balled and burlapped plants. This charge is made at cost. Due to high cost of labor and material, we cannot consume this cost without a loss on the sale of goods. There will be no over-charge, only the cost of labor and material used.

We find it a real pleasure to serve well, should any error occur please notify us as soon as possible so that we may correct same if possible.

# AZALEAS - KURUME

Variants of *Rhododendron Obtusum*.

## Evergreen Foliage.

Most all of the Kurume azaleas are hose-in-hose, or "flower inside of flower." They are all free flowering and display a very handsome array of flowers in spring. Clipping back the tips of new growth in early June will help them to develop very full plants with many more flowers the following spring.

**BENIGIRI.** Flowers bright deep red. Compact grower with narrow leaves. 36 to 42 in. specimens \$17.50, 42 to 48 in. \$22.50.

**CATTLEYA.** A delicately lilac-tinted white, shading at edges to mauve-pink. 15 to 18 in. \$3.50, 18 to 24 in. \$6.00.

**CHRISTMAS CHEER.** Very brilliant red. Shiny, dark green leaves. Good forcing variety. Bedded 12 to 15 in. Slender \$2.00, Specimens 36 to 42 in. \$17.50, 42 to 48 in. spec. \$25.00, 5 ft. spec. \$45.00.

**CORAL BELLS.** Beautiful shell-pink shading somewhat deeper at center. Free flowering and dainty. Small foliage. 24 to 30 in. \$8.00, 30 to 36 in. \$10.00, 36 to 42 in. \$15.00, 42 to 48 in. spec. \$25.00, 5 ft. spec. \$45.00.

**DAYBREAK.** Deep rose, shading silvery. Heavy bloomer. 24 to 30 in. \$8.00, 30 to 36 in. \$10.00, 36 to 42 in. \$15.00.

**DEBUTANTE.** Salmon-pink, splashed red. Soft color. 18 to 24 in. \$6.00.

**FLAME.** Bright madder-red flowers suffused with copper. Beautiful; tall growing. One of the best Kurumes. 30 to 36 in. \$10.00, 42 to 48 in. \$15.00, 5 to 6 ft. \$25.00.

**HINODEGIRI.** Flowers brilliant scarlet, produced so profusely as to completely cover the plant. Foliage rounded and deep green. The most popular azalea grown. Bedded 12 to 18 in. Slender \$2.00, 18 to 24 in. \$6.00, 12 to 15 in. Field \$3.00, 24 to 30 in. \$8.00, 15 to 18 in. Field \$4.00, 30 to 36 in. \$10.00.

**HINOMAYO.** Beautiful soft pink flowers. A good one. One of the hardiest of the Kurumes. Bedded 12 to 18 in. Slender \$2.00, 30 to 36 in. \$10.00, 18 to 24 in. Field \$6.00, 36 to 42 in. \$15.00, 24 to 30 in. \$8.00, 42 to 48 in. \$20.00.

**LAVENDER QUEEN.** Light lavender. Free flowering. 36 to 42 in. \$15.00, 42 to 48 in. \$20.00, 48 to 60 in. \$25.00.

**MAUVE BEAUTY.** Delicate mauve flowers literally cover entire plant. Similar to Salmon Beauty. 18 to 24 in. \$6.00, 24 to 30 in. \$8.00.

**PEACH BLOW.** Soft apricot-pink to soft peach-pink. May. 30 to 36 in. \$10.00, 36 to 42 in. \$15.00.

**PINK PEARL.** A beautiful shade of deep tinted pink. Flowers abundantly. Splendid for forcing, also for outside planting. Bedded 12 to 15 in. \$2.00, Slender 30 to 36 in. \$10.00.

**PINK PERFECTION.** Soft pink single flowers. 1 in. wide, in profusion. 24 to 30 in. \$8.00, 30 to 36 in. \$10.00.

**SALMON BEAUTY.** Large flowers of a beautiful shade of salmon-pink, light green foliage. Bedded 12 to 15 in. \$2.00, 42 to 48 in. \$22.50.

**SALMON QUEEN.** An exceptionally fine shade of salmon-pink. Large individual flowers. Light green foliage. Bedded 12 to 15 in. Slender \$2.00.

**SHERWOODI.** A beautiful orchid pink color. Hardy, profuse bloomer and great grower. 30 to 36 in. Spread \$12.50, 36 to 42 in. Spread \$15.00.

**SNOW.** Large pure white hose-in-hose flowers. Foliage glassy green. A good force. One of the best white. Bedded 12 to 18 in. Slender \$2.00, Field 30 to 36 in. \$10.00, Field 36 to 42 in. \$15.00, 42 to 48 in. \$20.00.

**WARD'S RUBY.** About the most red of all varieties. One look and it is sold. May be tender farther north. 8 to 10 in. Bedded \$1.50, 10 to 12 in. Bedded \$2.00.

**HINODEGIRI.** Double flowering. Form of the well-known Hinodegiri with double flowers. 8 to 10 in. \$1.50.

# AZALEAS

## GLENN DALE HYBRIDS

Originated by B. Y. Morrison,  
Glenndale, Maryland

Glenn Dale Azaleas have created an interest and demand throughout the country, second to no other group of Azaleas in the entire world. Those who have seen them in flower have expressed surprise, even to state of ecstasy, because of the beauty found in this large group of Azaleas. They range in shades and colors that meet with every taste and desire, which makes it possible to select, not at random, but exactly what you need and want. Some are with flowers that are duplex (two rows of flower petals), while few are even with three rows of petals, and others are those that we call single flowers. They range in various sizes of flowers, even up to 4½ in. wide, while many are 2 to 3 in. wide flowers. The plants are evergreen, holding all, or at least most of the leaves during winter, and will grow ultimately from 2½ ft. high to 12-15 ft. high. Widths are in proportion, making it possible also to select for a small area or a very large open space. Too much cannot be said about these handsome Azaleas, and only when you see them can one appreciate "they are different among Azaleas."

### SIZES AND COSTS

<b>A</b> —6 to 10 in. High Bedded.....	\$1.00
<b>B</b> —10 to 12 in. High Bedded.....	1.50
<b>C</b> —12 to 15 in. High Bedded.....	2.00

### FIELD BEDDED—"PLANTS-SPACED"

<b>D</b> —15 to 18 in. B&B.....	\$3.50
<b>E</b> —18 to 24 in. B&B.....	5.00
<b>F</b> —24 to 30 in. B&M.....	7.50
<b>G</b> —30 to 36 in. B&B.....	10.00

### FIELD BEDDED—HEAVY SELECTED PLANTS

<b>H</b> —24 to 30 in. B&B.....	\$9.00
<b>I</b> —30 to 36 in. B&B.....	12.50
<b>J</b> —36 to 42 in. B&B.....	17.50
<b>K</b> —42 to 48 in. B&B.....	25.00
<b>L</b> —48 to 54 in. B&B.....	40.00
<b>M</b> —54 to 60 in. B&B.....	50.00
<b>N</b> —5 to 6 ft. B&B.....	65.00

Letters after varieties indicate sizes available.

**ABBOT (PI 160069).** Very vigorous, erect to wide spreading to 5 feet. Leaves small, lanceolate, dark green. Flowers from 1 to 4 in head, 2½ to 3 in. across, of very beautiful form like that of the so-called "Belgian" azaleas, Rose Color, slightly paler at base of tube, very few dots of Tyrian Rose, margins of lobes undulate. Late April. ABC.

**ACME (PI 160141).** Erect with ascending branches, eventually forming a broad crown, to 6 or 7 feet. Leaves medium green. Flowers 2 to 3 in head, 2¼ to 3 in. across, fine form, at center Pale Rosolane Purple gradually darkening to Rose Color, near margins. Dots of blotch numerous but not conspicuous. Late April. ABC.

**ACROBAT (PI 163879).** Broad spreading habit, but perhaps to 4 feet, very dense and twiggy. Leaves dark green. Flowers 1 to 3 in head, 2½ in. across, white heavily sanded, few stripes of Mallow Purple. Mid- to late May. ABC.

**ADORABLE (PI 163765).** Somewhat spreading to 5 feet. Leaves medium green, somewhat hairy. Flowers usually 3 to 4 in head, 3 to 3¾ in. across, slightly darker than Phlox Pink, blotch heavy, of fine dots of Tyrian Rose. Mid-May. ABC.

**ADVANCE (PI 163876).** Bush habit, dense and twiggy, but probably making up to 5 feet in time. Leaves dark green. Flowers 2 to 4 in head, 2 in. across, between Tyrian Rose and Rose Red. Very floriferous. Mid-May. ABC.

**AFTERRGLOW (PI 160100).** Strong, rather erect, growing to 7 feet. Leaves medium green, not very large, with rounded tips. Flowers usually 2 to 3 in head, 1¾ to 2 in. across, Mallow Purple with large blotch of Tyrian Rose dots that appear only as dark shading in flower. Base of tube is a little lighter, with suggestion of orange on outer surfaces. Late April. ABC.

**ALABASTER (PI 141770).** Broad spreading habit to about 5 feet. Leaves dark green. Flowers 2 to 4 in head, often grouped, 2 to 2½ in. across, irregularly hose-in-hose, white with very few flakes of Spinel Pink. Garden effect white. Mid-April, early May. BC.

**ALADDIN (PI 160126).** Very erect habit as in Kaempferi and almost as deciduous. Flowers 1 to 2 in head, but heads sometimes grouped; general color effect is light salmon pink; color, Geranium Pink, white at base of tube, blotch not conspicuous, few dots of Rose Color. Mid-April. ABCFG.

**ALIGHT (PI 163942).** Bush habit broad spreading, but probably not more than 5 feet in height. Leaves medium green. Flowers 1 to 3 in head, 2½ in. across, Spinel Pink with blotch of Rosolane Purple on upper lobes. The ground color carries as orange salmon, accentuated by the purplish color of the blotch. May throw striped sports. Early to mid-May. ABCD.

**ALLEGORY (PI 163785).** Bush habit broad spreading, but probably never over 5 feet. Leaves dark green. Flowers 1 to 3 in head, 2¾ to 3 in. across, a white of very fine form, greenish blotch and very few Light Phlox Purple stripes. Mid- to late May. ABC.

**ALLURE (PI 163896).** Bush spreading rather than tall but probably up to 5 feet. Leaves large, medium green, somewhat pubescent. Flowers 1 to 2 in head, freely produced, 2 to 2¾ in. across, pale rose pink. Mid-April. ABC.

**ALTAIR (PI 163824).** Bush habit rather broad spreading, but probably not over 4 feet. Leaves dark green. Flowers very round in outline, 1 to 3 in head, 3 in. across, white with very few dots rather than flakes of Rose Purple. Mid-May. ABCD.

**AMBROSIA (PI 163899).** Erect and somewhat spreading habit to 8 feet. Leaves medium green, semi-pubescent. Flowers 2 to 5 in head, 1¼ to 2 in. across, Begonia Pink, becoming, with age, pale apricot in effect. Very distinct color. Mid-April. ABC.

**ANCHORITE (PI 141900).** Erect to broad spreading to 4 feet. Leaves dark green. Flowers 1 to 2 in head, very freely produced, 2 in. across, Rose Pink with an undertone of orange. Late April. ABCDE.

**ANDROS (PI 141805).** Erect to broad spreading to over-arching, 5 to 6 feet. Leaves evergreen, medium size. Flowers double, usually 2 to 4 in head, freely produced, 2 to 2½ in. across, pure Mallow Pink. The great beauty of this variety lies in the early bud stages when blossoms resemble rosebuds. May. ABCDEHI.

**ANGELA PLACE (PI 163960).** Bush habit broad spreading, but possibly up to 4 feet. Leaves dark glossy green. Flowers 2 to 4 in head, 3 in. across, pure white, almost no blotch. Early to mid-May. ABCDEFG.

**ANGELUS (PI 160110).** Vigorous, rather spreading growth to 5 feet, with long twigs. Leaves dark green. Flowers usually 3 to 5 in head, 2 to 2½ in. across, Pale Rosolane Purple, blotch showy Rosolane Purple. Late April. ABC.

**ANTARES (PI 160063).** Very erect habit with ascending branches to 8 feet. Leaves broad, medium to dark green. Flowers 1 to 3 in head, 2½ to 2¾ in. across, Nopal Red, blotch showy and large, of Pomegranate Purple dots that are somewhat diffused. Absolute base of tube white. Mid-April. ABC.

**ANTHEM (PI 163936).** Strong upright grower, 4 to 5 feet. Leaves glossy, almost orbicular. Flowers 2 to 3½ in. across, 2 to 4 in head, well formed; between Rose Pink and Deep Rose Pink, very few dots of Rose Color in the blotch area. Mid-May. ABCFG.

**ANTIQUÉ (PI 163766).** Bush habit tends to be broad spreading, but ultimate height not yet determined, probably not over 5 feet. Leaves dark green. Flowers 2 to 3 in head, 2¾ to 3 in. across, pure white with few stripes of Phlox Purple. Mid- to late May. ABC.

**APHRODITE (PI 141898).** Erect to broad spreading with ascending branches to form broad top, not over 4 feet. Leaves dark green. Flowers usually 1 to 2 in head, very freely produced, 2 in. across, Pale Rose Pink, blotch on upper lobe not conspicuous. Mid- to late April. ABCDE.

**ARABY (PI 160119).** Very vigorous, erect to spreading growth to 5 feet, with heavy dark green, rather narrow foliage. Flowers usually 2 to 3 in head, 2¾ to 3 in. across, rounded with good form. The color is a little more brilliant than Jasper Red but not quite as fine as Nopal Red, blotch Tyrian Rose. Late April. ABCDEFIJ.

**ARCADIA (PI 160053).** Strong, rather erect growth to widely spreading crown, to 7 feet. Leaves medium green, moderate size. Flowers usually 2 to 3 in head, 3 in. across, somewhat funnel shaped, between Deep Rose Pink and Rose Color, spots of blotch Tyrian Rose, showy, anthers brown and filaments Tyrian Rose. Late April. FG.

**ARCTIC (PI 163810).** Bush habit rather low, broad spreading, probably not over 3 feet. Leaves dark green. Flowers 1 to 3 in head, very floriferous,  $2\frac{1}{2}$  to 3 in. across, often with six lobes, white, greenish blotch. Mid-May. ABC.

**ARGOSY (PI 160095).** Vigorous, erect to spreading, to 5 feet. Leaves medium green, somewhat hairy. Flowers usually 2 to 3 in head, 3 to  $3\frac{1}{2}$  in. across, lobes distinct, Geranium Pink, darkening to Rose Doree on upper half of lobes, blotch conspicuous, large dots of Tyrian Rose. Late April, early May. ABC.

**ASTARTE (PI 160078).** Vigorous, erect to spreading habit to 6 feet. Leaves broad, dark green. Flowers usually 3 to 4 in head,  $2\frac{3}{4}$  to  $3\frac{1}{4}$  in. across, white at base of tube, Amaranth Pink, shading to Tyrian Pink, blotch showy, Tyrian Rose. Mid-April. ABC.

**ASTRA (PI 160123).** Vigorous, upright to spreading habit to 5 feet. Leaves narrow, dark green. Flowers usually 2 to 3 in head,  $2\frac{1}{2}$  to 3 in. across, almost white at base of tube, between Mallow Purple and Tyrian Pink, blotch conspicuous, Amaranth Purple. Flower very round and lobes well imbricated. Late April. ABCDE.

**AVE MARIA (PI 163771).** Bush habit tends to low, broad spreading. Leaves dark green. Flowers 2 to 3 in head,  $2\frac{1}{2}$  to 3 in. across, white ground, greenish-yellow blotch, sanded or flaked with Phlox Purple, margins ruffled. Mid- to late May. BCDE.

**AVIATOR (PI 163869).** Bush habit dense and twiggy, but probably making up to 4 feet. Leaves dark green, glossy. Flowers 2 to 4 in head, freely produced,  $2\frac{3}{4}$  in. across, rather flat face, white, green blotch, striped Eugenia Red. Mid-May. ABCDE.

**AZTEC (PI 163906).** Broad spreading growth with somewhat ascending branches and somewhat open habit while young; to 3 feet. Leaves medium green, not shining. Flowers 1 to 2 in head, 3 in. across, fine form, between Rose Doree and Peach Red in color, blotch heavy, dots of Rose Red. Some tendency to sport to white zone at base. Late May, early June. AEC.

**BACCHANTE (PI 163898).** Bush habit erect with ascending branches to 7 feet, in time filling in thickly. Leaves medium green, rather coarse. Flowers 1 to 3 in head, heads often clustered, showy,  $2\frac{1}{2}$  to 3 in. across, upper petals, Spinel Red, lower petals lighter, close to Spinel Pink, heavy dots of Amaranth Purple in blotch. Late April. ABC.

**BAGATELLE (PI 160115).** Rather open, erect growth to 7 feet. Foliage medium green. Flowers usually 3 to 5 in head,  $2\frac{3}{4}$  to  $3\frac{1}{4}$  in. across, a little white at base of tube, Begonia Rose washed with Rose Doree, sinuate margins, blotch not showy, of Tyrian Rose dots. Late April, early May. ABC.

**BAGDAD (PI 163985).** Vigorous rather upright habit to 5 feet. Leaves dark, evergreen, medium size. Flowers 2 to 4 in head, heads sometimes clustered,  $2\frac{1}{2}$  to 3 in. across, slightly darker than Rose Pink with blotch of Tyrian Rose. Early to mid-May. ABC.

**BALLET GIRL (PI 160043).** Vigorous, upright but somewhat open growth to 7 feet. Leaves medium green. Flowers usually 2 to 3 in head but often grouped in large masses, hose-in-hose, 2 in. across, Light Jasper Red, with blotch of Pomegranate Purple dots. General effect is orange red. Early to mid-April. ABCDE.

**BAROQUE (PI 163778).** Bush broad spreading but probably never over 5 feet. Leaves dark green. Flowers 1 to 3 in head,  $2\frac{1}{2}$  to 3 in. across, white ground with great variation in degree of striping; some flowers sanded, Phlox Purple. Mid- to late May. ABCDE.

**BEACON (PI 160085).** Erect but eventually over-arching growth to 5 feet. Leaves rather narrow, dark green. Flowers 2 to 3 in head,  $1\frac{3}{4}$  in. across, almost pure Rose Doree but in garden effect nearly Scarlet in color. Does not sunburn. Mid-April, early May. ABCDEIJ.

**BETTINA (PI 182866).** Bush erect with ascending branches to about 5 feet. Leaves rather small, Kurume-like, medium green. Flowers 2 to 4 in head, heads often grouped, freely produced,  $1\frac{1}{2}$  to 2 in. across, carmine. Mid-April. ABCDE.

**BISHOP (PI 160120).** Rather erect growth to 5 feet, eventually with broad top. Leaves not over 2 in. long, dark green. Flowers 2 to 5 in head, the heads sometimes clustered;  $1\frac{1}{4}$  to  $1\frac{1}{2}$  in. across, rather symmetrical, margins waved. A Rose Color self, as the Tyrian Rose dots of the blotch count rather as a darkening hue. There is an underlying tone of yellow that enlivens the color. Anthers dark. Mid- to late April. ABCDE.

**BLIZZARD (PI 163784).** Bush habit broad spreading but probably never over 5 feet. Leaves dark green. Flowers 1 to 3 in head,  $2\frac{3}{4}$  to 3 in. across, a very fine white, chartreuse throat, ruffled margins, very few Phlox Purple stripes. Mid- to late May. ABCDE.

**BLUSHING MAID (PI 160114).** Rather open Kaempfer-like habit to 7 feet. Leaves medium green. Flowers usually 3 to 5 in head, 2 to 2½ in. across, almost round, margins sinuate, between Thulite Pink and Spinel Pink. Late April, early May. ABCDE.

**BOHEMIAN (PI 163796).** Bush habit rather broad spreading, but probably not over 4 feet though rather vigorous. Leaves dark green. Flowers 1 to 3 in head, 2½ in. across, pure Rose Color. Mid-May. ABCDE.

**BOLDFACE (PI 163847).** Bush habit rather broad spreading, but probably never much over 4 feet. Leaves medium green. Flowers 1 to 3 in head, 3 in. across, frilled, white center, Pale Phlox Purple margin, red blotch. Mid-May. ABCDEF.

**BOLIVAR (PI 163928).** Spreading habit to 4 feet. Leaves dark green. Flowers 1 to 2 in head, freely produced, 2¾ in. across, broad lobes, Deep Rose Pink, blotch made up of distinct small dots of Tyrian Rose that give effect of a color stain. Mid- to late May. ABCDEFG.

**BONANZA (PI 163807).** Bush habit rather broad spreading, but probably not over 4 feet. Leaves dark green. Flowers 1 to 3 in head, 2½ in. across, Mallow Purple with Tyrian Rose blotch, brilliant. Mid-May. ABC.

**BOPEEP (PI 160009).** Rather erect to 5 feet, eventually spreading to 4 feet in diameter; leaves medium green. Flowers 2 to 4 in head, heads sometimes clustered, single, 2 to 2½ in. across, white tinted from margins. The color tint is a little paler than Rose Pink. Dots in the blotch are deep Rose Pink. Blotch not solid but lateral from central axis and passing to side lobes. Carries in garden as tinted white. Early flowering like its sister seedlings Dayspring and Caress. ABC.

**BOUNTIFUL (PI 163956).** Bush habit rather broad spreading, but probably will reach 4 feet in height. Leaves medium green, hairy. Flowers 1 to 3 in head, 3 in. across, frilled, Phlox Purple, with blotch of Tyrian Rose dots. ("Phlox Purple" is a lavender pink). Early to mid-May. ABCDEFG.

**BOWMAN (PI 163764).** Bush habit, developing into broad-topped, densely twiggy form rather more broad than high but up to 5 feet. Leaves dark green. Flowers usually 1 to 3 in head, freely produced, 2 to 2½ in. across, carmine pink. Mid-April. ABCDE.

**BRANGAENE (PI 182868).** Bush erect with ascending branches up to 7 feet. Leaves medium green, rather harsh. Flowers 1 to 2 in head, heads often grouped, 2 to 2½ in. across, delicate rose with yellow undertone giving salmon effect, conspicuous blotch on upper lobe. Mid-April. ABCDE.

**BRAVO (PI 163811).** Bush habit somewhat more erect than most, somewhat like a taller Kurume, but not over 5 feet. Leaves smallish, dark green. Flowers 2 to 4 in head, very floriferous, 1½ in. across, Tyrian Pink, Tyrian Rose blotch, scarlet tube. Mid-May. ABCDE.

**BRAVURA (PI 163908).** Bush rather broader than tall but probably in time up to 4 feet, inclined to be open and angular at first. Leaves smallish, dark green. Flowers 1 to 2 in head, freely produced, very fine form, 2½ to 3 in. across, white with pale rose margins. May. ABCDE.

**BRIDAL VEIL (PI 160006).** Rather open, upright growth to 5 feet. Leaves medium green, somewhat hairy. Flowers usually 2 to 5 in head, 3 in. across, somewhat starry, white with Chrysolute Green blotch on upper three lobes. Flowers here before *R. mucronatum*, or mid-April. ABCDE.

**BUCANEER (PI 141903).** Erect to tall spreading to 5 feet. Leaves medium green. Flowers 2 to 4 in head, freely produced, 2 in. across, a brilliant orange red with darker tone on upper lobe. Mid-April. Sunburns in the open. ABCDEFG.

**BURGUNDY (PI 160003).** Vigorous, upright growth, becoming spreading with age, to 6 feet. Leaves dark green. Flowers 2 to 3 in head, 2 in. across, Rose Doree darkening to Nopal Red on margins, heavy blotch of Tyrian Rose on upper three lobes; carries as deep brownish red. Mid-April. ABCDE.

**CADENZA (PI 163884).** Bush habit low and broad spreading but probably up to 4 feet. Leaves medium green. Flowers 1 to 3 in head, 2 in. across, extremely variable in the same plant. The original seedling plant is ruffled white, lightly and irregularly flaked with few stripes of Magenta. Mid- to late May. ABCDEFG.

**CAMELOT (PI 163930).** Growth somewhat like that of *R. mucronatum* but leaves darker and less hairy, spreading to 5 feet. Flowers usually 2 to 3 in head, 2¾ to 3 in. across, Tyrian Pink, deeper at margins, blotch spreading and conspicuous, Tyrian Rose. Mid-April. ABCDE.

**CAMPFIRE (PI 163871).** Bush habit dense and twiggy, but probably making up to 5 feet in time. Leaves dark green. Flowers 2 to 4 in head, 1½ in. across, very abundantly produced, Amaranth Purple, tube Rose Red; a very brilliant effect. Mid-May. ABCDE.

**CANTABILE (PI 163897).** Bush habit usually broader than tall but up to 5 feet, eventually making a dense bush. Leaves medium to dark green. Flowers 1 to 3 in head, 2 to 2½ in. across, freely produced, white. Early to mid-April. ABCDEF.

**CAPELLA (PI 160037).** Erect, rather stiff growth, eventually filling into dense habit, to 6 feet. Foliage light green. Flowers usually 2 to 3 in head, heads sometimes clustered so that a rhododendron-like mass of 14 to 15 flowers appears; irregularly hose-in-hose, 2 to 2½ in. across; white with rare flakes of Matthew's Purple; very showy. Mid-April. AB.

**CAPRICE (PI 141792).** Bush erect and somewhat open unless grown in sun, to 5 feet. Leaves medium green. Flowers freely produced, 2 to 4 in head, heads usually grouped, 2 in. across, white rayed and flaked with coral red. Frequently the flowers appear somewhat bell shaped. Mid- to late April. ABCDEFG.

**CARAVAL (PI 163806).** Bush habit rather broad spreading, but probably not over 5 feet. Leaves dark green. Flowers 2 to 3 in head, 3 in. across, Spinel Pink flushed Mallow Purple, but very brilliant because there is an undertone of yellow. Mid-May. ABCDE.

**CARBINEER (PI 160098).** Bush habit tall with ascending branches probably to 8 feet, but good spread in time. Semi-evergreen, rather coarse leaves. Flowers 2 to 3 in head, 2¼ to 2½ in. across, between Rose Pink and Deep Rose Pink of color chart but enlivened by the undertone of yellow. Filaments red, blotch definite but not showy. Mid-April. ABCDE.

**CARESS (PI 141769).** Bush habit erect to broad spreading but not over 5 feet. Leaves broad, glossy green. Flowers very profusely. Flowers 2 to 4 in head, heads often grouped, 2 to 2¼ in. across, almost white in center, darkening gradually to pale pink on margins. Early to mid-April. ABCDEF.

**CARMEL (PI 141776).** Tall to eventually spreading habit but not over 5 feet. Leaves medium green. Flowers 1 to 3 in head, freely produced, 2 in. across, Spinel Red with blotch of Indian Red dots; carries in garden effect as a brownish red. Mid-April. Earlier than Burgundy; larger flowers. ABCDEFGIJ.

**CARNIVAL (PI 163097).** Vigorous, upright to spreading bush to 4 feet, with fine evergreen foliage. Flowers usually 2 to 3 in head, 3½ to 4 in. across, color salmon with orange undertone with heavy dull red blotch on the uppermost lobe. Mid- to late April. ABCDEFG.

**CARRARA (PI 163798).** Bush habit very dwarf and broad spreading, but possibly not over 2 feet, very compact. Leaves dark green. Flowers 1 to 2 in head, 2½ to 3 in. across, very free, white with yellowish blotch, some petaloidy in stamens. Mid-May. ABCDEF.

**CASCADE (PI 182864).** Upright and eventually broad spreading to 4 feet. Leaves dark green. Flowers usually 2 to 4 in head, hose-in-hose, freely produced, 1½ in. across, white with few paint flakes of brilliant rose pink. Late April. ABCDE.

**CATAWBA (PI 163983).** Broad spreading bush to possibly 4 feet. Leaves moderate size, dark green. Flowers usually 2 to 3 in head, 2 to 2¼ in. across, Tyrian Pink, blotch of Tyrian Rose dots over upper three lobes. Mid- to late May. ABCDE.

**CATHAY (PI 160046).** Bush habit broad spreading but up to 5 feet in height with ascending branches. Leaves dark green, narrow, glossy. Flowers 2 to 4 in head, 2 in. across, darker than Geranium Pink, but not as dark as Rose Doree, blotch of well defined dots of Tyrian Rose. Late April. ABCDEFG.

**CAVALIER (PI 160068).** Bush habit almost like that of many Kurume clones, up to 6 feet. Leaves moderate size, broad ovate. Flowers 2 to 4 in head, heads frequently grouped, 1½ to 1¾ in. across, very regular, Kurume type, a little more orange than Rose Doree. Mid-April. ABCDEF.

**CAVATINA (PI 163791).** Bush habit rather broad spreading, but probably never over 5 feet. Leaves medium green. Flowers 1 to 3 in head, 2¾ to 3¼ in. across, white striped with Phlox Purple. Mid- to late May. ABCDE.

**CELESTIAL (PI 160081).** Rather stiff upright growth, probably to not over 4 feet. Leaves broad, dark green. Flowers 2 to 3 in head, 2½ to 2¾ in. across, Deep Rose Pink, blotch not showy, Rose Color, appearing more as if shading in corolla, pink color vivid from faint yellow undertone. Late April, early May. ABCDEF.

**CHALLENGER (PI 160124).** Erect, somewhat spreading growth to 5 feet. Leaves dark green, shining, rather narrow as in "macrantha." Flowers 1 to 2 in head,  $2\frac{3}{4}$  to 3 in. across, very flat faced, beautiful form with well imbricated lobes that are somewhat undulate on margins, ground color light salmon in effect, between Geranium Pink and Rose Doree, washed over with pale lavender, blotch very heavy and showy, with clear dots between Rose Color and Tyrian Pink. Early May. ABCDEF.

**CHAMELEON (PI 163825).** Bush habit rather broad spreading, but probably not over 4 feet. Leaves dark green. Flowers very round in outline, 1 to 3 in head, 3 to  $3\frac{1}{2}$  in. across, white, yellow blotch, with few stripes of Rosolane Purple. Mid-May. ABCDEF.

**CHANTICLEER (PI 163872).** Bush habit dense and twiggy, but probably making up to 5 feet in time. Leaves dark green. Flowers 2 to 4 in head, 2 in. across, very abundantly produced, Amaranth Purple with more Rose Red on tube than Campfire, a very brilliant effect. Mid-May. ABC.

**CHERRY SPOT (PI 160132).** Erect to somewhat spreading growth up to 6 feet. Leaves medium green. Flowers usually 2 to 3 in head, 2 to  $2\frac{1}{2}$  in. across, with well-rounded lobes, between Rose Purple and Liseran Purple, blotch Tyrian Pink, made up of very small dots. Late April. ABCDEF.

**CHLOE (PI 160049).** Growth similar to but better than that of *R. mucronatum* ("indica alba"), to 5 feet. Leaves medium green, somewhat pubescent. Flowers usually 2 to 3 in head,  $2\frac{3}{4}$  to 3 in. across, margins ruffled, brilliant color Tyrian Rose with inconspicuous blotch of Rose Color dots. Mid-April. ABCD.

**CHUM (PI 163862).** Bush habit very dense and twiggy, but probably up to 4 feet in height. Leaves dark green, glossy. Flowers 2 to 4 in head, very abundant, 2 in. across, white with green blotch, striped Eugenia Red. Mid-May. ABCDE.

**CINDERELLA (PI 201897).** Mature plant habit tall and flat topped, 6 feet. Semi-deciduous. Flowers 2 to 3 in head, 2 to  $2\frac{1}{2}$  in. across, white so heavily covered with Eugenia to Acajou Red stripes as to give the effect of white stripes on red ground. Mid-April. ABCDE.

**CINNABAR (PI 163855).** Bush dense and twiggy, gradually building up to 4 feet. Leaves dark green, glossy. Flowers 2 to 4 in head, 3 in. across, white with stripes and sanding of Spinel Red. Mid-May. ABCD.

**CLARION (PI 160094).** Erect but somewhat open growth while young, filling in later to 8 feet. Leaves medium green, not heavy. Flowers usually 2 to 3 in head,  $2\frac{3}{4}$  to 3 in. across, between Rose Doree and Scarlet Red, blotch inconspicuous with dots of Tyrian Rose, orange tone at base of tube. Mid-April. ABCDE.

**COCKTAIL (PI 163839).** Bush habit very compact and dense, but gradually building up to perhaps 5 feet. Leaves deep green, glossy. Flowers 1 to 3 in head, abundant, 2 in. across, white with Eugenia Red stripes and some sports. Mid-May. ABC.

**COLLEEN (PI 160112).** Rather open Kaempferi-like habit to 7 feet. Leaves medium green. Very floriferous; flowers usually 3 to 10 in head, 2 in. across, Geranium Pink, blotches variable. Late April, early May. ABCDE.

**COMMANDO (PI 163832).** Bush habit broad spreading, but probably not over 5 feet. Leaves medium green. Flowers 2 to 4 in head, freely produced, 2 to  $2\frac{1}{2}$  in. across, Rose Purple, Rose blotch. Mid-May. ABCD.

**COMMODORE (PI 160111).** Rather spreading growth to 4 feet. Foliage dark green, narrow. Flowers usually 2 to 4 in head,  $2\frac{3}{4}$  to 3 in. across, Scarlet Red, with heavy blotch of almost confluent dots of Amaranth Purple. This carries as deep crimson. Late April, early May. ABCDE.

**CON AMORE (PI 163940).** Growth dense, rather spreading with ascending branches up to 5 feet. Leaves up to 2 inches long, fairly dark green. Flowers 1 to 2 in head,  $2\frac{1}{2}$  to 3 in. across, excellent form with rounded, imbricated lobes, between Deep Rose Pink and Rose Color, lighter at margins, blotch not showy, few dots of Rose Color. Mid- to late April. ABCDE.

**CONCORDIA (PI 160106).** Bush erect with ascending branches to 5 feet. Leaves long and narrow, somewhat hairy; medium green. Flowers 2 to 3 in head, 2 inches or over across, general effect bright pink, a little deeper than Deep Rose Pink, dots in blotch Tyrian Rose but not showy, a little yellow at base of tube. Mid-April. ABCDE.

**CONQUEST (PI 163987).** Bush spreading rather than erect growth to 3 feet. Leaves small, rather yellowish green. Flowers 1 to 2 in head,  $2\frac{1}{2}$  to  $2\frac{3}{4}$  in. across, white, of very fine form, with a few short lines of Rhodamine Purple. Mid-May. ABC.

**CONSOLATION (PI 163772).** Bush broad spreading, probably not over 5 feet. Leaves dark green. Flowers 1 to 3 in head, 2½ to 3 in. across, white with Pale Amparo Violet stripes, margins ruffled. May give occasional Light Phlox Purple sport with light center. Mid- to late May. ABCDE.

**CONSTANCE (PI 160089).** Vigorous, erect, somewhat spreading growth to 6 feet. Leaves narrow, medium green. Flowers usually 2 to 3 in head, 3 to 3½ in. across, Rose Color. The small Rose Red dots that make up the large blotch show chiefly as a darker tone. Late April. ABCDE.

**CONSUELA (PI 160082).** Erect to broad spreading habit to 5 feet. Leaves medium green. Flowers usually 2 to 3 in head, 2½ to 3 in. across, slightly paler than Rose Color, lightening to Deep Rose Pink in center, blotch not conspicuous, of small Rose Color dots. Late April. ABCDE.

**CONTENT (PI 160136).** Erect with eventually broad spreading crown to 5 feet. Leaves medium dark green, broadly obovate and glossy. Flowers 2 to 4 in head, 2¾ to 3 in. across, a very fine form of imbricated lobes, Pale Amparo Purple with very few dots of Tyrian Rose at base of upper lobe, very pure, clear color. Late April, early May. ABCDEF.

**COPPERMAN (PI 163927).** Growth dense, spreading to 4 feet. Foliage dark green, rather narrow leaves. Flowers 1 to 2 in head, 2¾ to 3 in. across, rather flat faced, good substance and splendid form with broad, overlapping lobes, Begonia Rose, shaded almost pure orange, blotch conspicuous but most like a heavy wash of Rose Color, dots not visible. The garden effect is brilliant red. Mid- to late May. ABCDE.

**COQUETTE (PI 160036).** Erect to finally over-arching habit to 5 feet. Leaves fine, dark green. Flowers usually 2 to 3 in head, 2 in. across, almost perfect hose-in-hose, between Eosin Pink and Begonia Pink, with few dots of Tyrian Rose in inconspicuous blotch. Conspicuous red pistil with dark stigma. Late April, early May. ABCDE.

**CORALIE (PI 160017).** Erect to eventually over-arching habit, to 5 feet. Foliage dark green, narrow. Flowers usually 2 to 4 in head, 1½ to 1¾ in. across, somewhat irregularly hose-in-hose, Eosin Pink, flushed Rose Doree, conspicuous Tyrian Rose blotch. Carries in effect as salmon pink. Early May. ABCDEF.

**CORAL SEA (PI 163819).** Bush habit broad spreading, probably not over 4 feet. Flowers 1 to 3 in head, freely produced, usually not over 2½ to 3 in. across, between Pale Amaranth Pink and Amaranth Pink with few but very distinct Tyrian Rose dots in blotch, which is showy. Mid-May. ABCDEF.

**CORDIAL (PI 163818).** Bush habit broad spreading, probably not over 4 feet. Leaves medium green. Flowers 2 to 4 in head, 2½ to 3 in. across, Spinel Pink, Spinel Red blotch, frilled margins of lobes. Mid-May. ABCDEFG.

**CORSAIR (PI 160138).** Bush rather broad to 4 or 5 feet, spreading top. Leaves somewhat like those of Azalea macrantha but broader. Flowers 3 in head, 2½ in. across, margins somewhat sinuate, Deep Rose Pink, blotch made up of dots of Tyrian Rose, not very conspicuous. Late April, early May. ABCDEF.

**CORYDON (PI 160074).** Erect to broad spreading habit up to 4 feet. Leaves almost like those of a Kurume. Flowers 2 to 3 in head, 2 to 2¼ in. across, very fine form with overlapping lobes, slightly deeper in color than Deep Rose Pink, with a few dots in blotch, near throat, in upper lobe. Late April. ABCDE.

**CRANFORD (PI 163910).** Spreading growth with long ascending shoots particularly while young, to 3 feet. Leaves medium green. Flowers 1 to 2 in head, 3 in. across, Deep Rose Pink, the blotch not conspicuous because of dots only slightly darker in tone. Late May, early June. ABCDE.

**CREAM CUP (PI 163842).** Bush habit very compact and dense, gradually building up to perhaps five feet. Leaves dark green, glossy. Flowers 1 to 3 in head, very abundant, 2 in. across, white so heavily suffused with Chartreuse that the flower carries in garden effect as a creamy yellow; few red flakes. Mid-May. ABCDEF.

**CREMONA (PI 163901).** Broad spreading bush to 4 feet. Leaves dark green, shining. Flowers usually 1 to 2 in head, freely produced, 3 in. or more across; margins of lobes somewhat waved. Rose color with dots of blotch Amaranth Purple. Tube lighter at base, somewhat yellowish that makes a more vivid rose-colored effect. Mid- to late May. ABCDEFGHI.

**CRINOLINE (PI 163943).** Bush habit broad spreading, but probably will not reach more than 5 feet in height. Leaves medium green. Flowers 1 to 3 in head, 3 in. across, ruffled margins, between Tyrian Pink and Tyrian Rose, frequently with white eye as in Helen Gunning, blotch not conspicuous. Early to Mid-May. ABCDEFG.

**CRUSADER (PI 163909).** Spreading growth with ascending branches to perhaps 3 feet. Leaves medium green. Flowers usually 1 to 2 in head, freely produced. Flowers very round, well imbricated, flat,  $2\frac{3}{4}$  in. across, Geranium Pink with showy blotch of Rose Red. Late May, early June. ABCDEF.

**CUPID (PI 163799).** Bush habit broad spreading, but possibly not over 3 feet. Leaves dark green. Flowers 1 to 3 in head, 3 in. across, Phlox Pink, that becomes a little lighter as flower ages. Mid-May. ABCDE.

**CYGNET (PI 163954).** Bush habit very dense and twiggy, but possibly up to 3 or 4 feet in height. Leaves medium green. Flowers 1 to 3 in head, very freely produced, to make sheets of bloom,  $1\frac{1}{2}$  in. across, white with pale yellow blotch. Early to mid-April. ABCDEF.

**CY THEREA (PI 163934).** Bush rather broader than tall, but probably up to 4 feet. Leaves small, dark green. Flowers 1 to 2 in head, freely produced, very fine form, rose pink. May. ABCDEFG.

**DAMARIS (PI 160099).** Strong, rather upright growth, to 6 feet. Leaves dark green. Flowers usually 3 to 7 in head, 2 to  $2\frac{3}{4}$  in. across, sinuate margins of corolla lobes Mallow Purple washed over with Rose Red, blotch heavy, Amaranth Purple, stamens Rose Red. Mid-May. ABCDE.

**DAMASK (PI 163959).** Bush habit broad and spreading, but possibly up to 4 feet. Leaves medium green. Flowers 1 to 3 in head, 2 in. across, hose-in-hose, white washed all over with chartreuse, giving almost an ivory tint. Mid-May. ABCDEF.

**DAMOZEL (PI 160031).** Erect to eventually over-arching habit to 5 feet. Leaves narrow, dark green. Flowers generally 2 to 4 in head, 2 in. across, irregularly hose-in-hose, Geranium Pink, heavy blotch of Tyrian Rose, white at base of tube. Late April, early May. ABCDEF.

**DANDY (PI 163803).** Bush habit much like that of the taller Kurume varieties, but perhaps not over 5 feet. Leaves medium green, shiny. Flowers 2 to 4 in head,  $2\frac{1}{2}$  in. across, very floriferous, Rhodamine Purple with scarlet tube. A very highly colored clone. Mid-May. ABCDE.

**DAPHNIS (PI 160070).** Very vigorous, erect to spreading habit, to 5 feet. Excellent, small narrow leaves. Flowers usually 2 to 3 in head, 2 to  $2\frac{1}{2}$  in. across, Tyrian Pink, with few nearly confluent dots at base of upper lobe. There is a suggestion of yellow at base of tube. Very fine. Late April. ABCDEF.

**DARKNESS (PI 163815).** Bush habit very compact and twiggy, probably not over 4 feet. Leaves small, dark green. Flowers 2 to 4 in head, 3 in. across, Pompeian Red (a brownish red) with heavy Carmine blotch. Masses of bloom. Mid-May. ABCDE.

**DARLING (PI 160113).** Bush rather erect, branches ascending but finally a dense shrub to 5 feet. Leaves medium green, rather broad, somewhat hairy. Flowers 1 to 3 in head, heads sometimes grouped, 2 to  $2\frac{1}{2}$  in. across, practically a brilliant Rose Color self, with very few dots of Tyrian Rose at base of upper lobe. Fine form. Mid- to late April. ABCDEF.

**DAUNTLESS (PI 163852).** Bush habit dense and twiggy, rather low, probably not over 2 feet. Leaves dark green. Flowers 2 to 4 in head, very floriferous, 2 in. across, Aster Purple with base of tube scarlet, which gives very brilliant effect. Mid-May. ABCDEF.

**DAWNING (PI 182862).** Bush spreading rather than tall, but probably up to 5 feet. Leaves large, medium green, somewhat pubescent. Flowers 1 to 2 in head, freely produced, 2 to  $2\frac{3}{4}$  in. across, lavender pink. Mid- to late April. ABCDEF.

**DAYSPRING (PI 141780).** Bush habit, broad spreading, but eventually to 6 feet. Leaves medium green, obovate, somewhat like Kurume varieties. Flowers 2 to 4 in head, usually massed,  $1\frac{3}{4}$  to 2 in. across, center white shading to Pale Rose Pink in margins. Few chartreuse dots in blotch area. Early to mid-April. ABCDEFLMN.

**DAZZLER (PI 163797).** Bush habit rather broad spreading, but probably not over 3 feet. Leaves dark green. Flowers 1 to 3 in head, 3 in. across, frilled. Deep Rose Pink with Rose Color blotch. Mid-May. ABCDEFG.

**DEFIANCE (PI 163870).** Bush habit dense and twiggy, but probably making up to 4 feet. Leaves dark green, glossy. Flowers 2 to 4 in head, freely produced, rather starry, 2 in. across, white, heavily striped, Eugenia Red. Mid-May. ABCDEFG.

**DELIGHT (PI 160000).** Erect, vigorous bush to 7 feet with heavy, broad, dark green leaves. Flowers usually 2 to 4 in head, 3 to 4 in. across, pure white with very few flakes of Phlox Purple. There will be occasional flowers with heavy stripes and rare branch sports that resemble the Sekidera form of *R. mucronatum*. Mid-April. ABCDE.

**DELILAH (PI 163952).** Bush spreading with ascending branches to 6 feet. Leaves narrow, glistening, dark green. Flowers 1 to 2 in head, heads often grouped, 2 to 2½ in. across, color effect is pure salmon orange. Mid-to late April. ABC.

**DELOS (PI 141803).** Erect to spreading, somewhat over-arching habit; like Andros in all details except color of flower. In this case the color is Rose Pink, a deeper color than that of Andros but just as roselike in the bud stages, 2½ in. double flowers, freely produced. May. ABCDEF.

**DEMURE (PI 160014).** Erect to finally over-arching habit to 5 feet. Leaves fine, dark green. Flowers usually 2 to 3 in head, 2 in. across, slightly paler than Rose Color; dots of Rose Red make up the blotch that covers most of the upper three lobes. Late April, early May. ABCDE.

**DESIRE (PI 141778).** Bush spreading rather than tall, but probably up to 5 feet. Leaves large, medium green, somewhat pubescent. Flowers 1 to 2 in head, freely produced, 2 to 2¼ in. across, pale rose pink toned salmon. Mid- to late April. ABCDE.

**DIMITY (PI 141766).** Bush habit more or less like that of *Kaempferi* but not over 6 feet. Leaves medium green, semi-deciduous. Flowers 2 to 4 in head, heads often grouped, 1½ to 2 in. across, white flaked and striped with Spinel Red. Mid-April. ABCDEFLMN.

**DOWAGER (PI 163978).** Bush habit low, compact and spreading, but probably up to 4 feet in time. Leaves dark green, glossy. Flowers 2 to 4 in head, 3 in. across, white, flaked and striped Magenta. Mid- to late May. ABCDEFGIJ.

**DRAGON (PI 163874).** Bush habit dense and twiggy, but probably making up to 5 feet in time. Leaves dark green. Flowers 2 to 4 in head, 2 in. across, Tyrian Rose to Rose Red, very brilliant and floriferous. Mid-May. ABCDE.

**DREAM (PI 160047).** Rather spreading habit but eventually reaching 8 feet. Leaves medium green, somewhat like those of *R. mucronatum* but silkier. Flowers 2 to 3 in head, heads often grouped, 2¾ to 3 in. across, Deep Rose Pink, dots of blotch Rose Color, margins of lobes frilled. Mid-April, sometimes earlier. ABCDE.

**DRIVEN SNOW (PI 163933).** Similar to Snowscape but with broader, darker green leaves, and the flowers usually 2 to 3 in head, 3 in. across, widely opened, pure white, late midseason. To 6 feet. End of May. ABCDE.

**DUENNA (PI 160022).** Bush spreading rather than tall, but up to 5 feet with somewhat open habit in earlier stages. Leaves medium green. Flowers 1 to 3 in head, 1 to 1½ in. across, white ground with many narrow stripes of Rosolane Purple, but gives the general impression from a distance of pale pink. Mid-April. ABCDE.

**DULCIMER (PI 160076).** Erect, somewhat spreading habit to 5 feet. Leaves medium green. Flowers usually 2 to 3 in head, 2 to 2½ in. across, very well shaped, Rose Doree with Pomegranate Purple dots in blotch. Late April. ABCDEF.

**ECHO (PI 163895).** Bush spreading rather than tall but up to 5 feet. Leaves large, medium green, somewhat pubescent. Flowers 1 to 2 in head, freely produced, 2 to 2¼ in. across; Rose Pink, dots of blotch clear but not showy, Tyrian Rose. Mid-April. ABCDE.

**EFFECTIVE (PI 160090).** Moderate, upright growth to 4 feet. Leaves medium green. Flowers usually 2 to 3 in head, 2½ to 3 in. across, Rose Color, with very little suggestion of blotch, form rounded and substance very good. Mid-April. ABCDE.

**EGOIST (PI 163783).** Bush habit broad spreading, but probably never over 5 feet. Leaves dark green. Flowers 1 to 3 in head, 2½ to 3 in. across, a very fine white with a few stripes and much sanding of Phlox Purple. Mid-to late May. ABCDE.

**ELIZABETH (PI 163923).** Spreading habit to 4 feet. Leaves dark green. Flowers 1 to 2 in head, freely produced, 3 in. across, Begonia Rose, with very heavy blotch, almost like a stain of Tyrian Rose. Mid- to late May. ABCDEFGHI.

**EMBER (PI 163801).** Bush habit rather broad spreading, but probably not over 4 feet. Leaves dark green. Flowers 1 to 3 in head, 3 in. across, frilled, Rose Color with Rose Red blotch; yellow undertone gives entire flower a brilliant effect. Mid-May. ABCDE.

**EMBLEM (PI 160013).** Growth habit with rather erect branching, bush up to 6 feet. Leaves dark green. Flowers 1 to 3 in head, heads somewhat grouped,  $1\frac{3}{4}$  to 2 in. across, regular in form, between Scarlet Red and Scarlet. Blotch Rose Red but not conspicuous, counting as deep shading. Late April. ABCDE.

**ENCHANTMENT (PI 160029).** Erect to eventually over-arching growth to 5 feet. Fine pointed, dark green leaves. Flowers usually 2 to 3 in head,  $1\frac{1}{2}$  to  $1\frac{3}{4}$  in. across, almost perfect hose-in-hose, Geranium Pink with heavy blotch of Tyrian Rose on upper three lobes. Late April, early May. ABCDE.

**EPICURE (PI 163907).** Spreading growth with somewhat open, ascending branches while young, to 3 feet. Leaves medium green. Flowers usually 1 to 2 in head, freely produced. Practically a Deep Rose self as the small blotch of Tyrian Rose dots carries chiefly as a shading. Late May, early June. ABCDE.

**EPILOGUE (PI 141785).** Clone developed from seedling of PI No. 81661. The chief value of this plant is its habit of flowering freely the first week in June. The bush is somewhat straggling to 5 feet, producing in time large, shelflike branches, with semi-evergreen foliage. The flowers are freely produced, about 1 to  $1\frac{1}{4}$  in. across, and orange salmon in color. ABCDE.

**EROS (PI 163902).** Rather low-spreading growth, ultimate height not yet known, but probably not over 3 feet. Heavy dark green, glossy foliage. Flowers 2 to 3 in head,  $2\frac{1}{2}$  to 3 in. across, with very heavy substance, extremely well shaped, with overlapping lobes, Eosin Pink, becoming lighter as flower matures. Small blotch at base of uppermost lobe, made of fine dots of Tyrian Rose. End of May, early June. ABCDE.

**EUCHARIS (PI 163802).** Bush habit rather broad spreading, but possibly not over 3 feet. Leaves medium green. Flowers 2 to 3 in head, 3 in. across, frilled, white with chartreuse blotch. Mid-May. ABCDEF.

**EVANGELINE (PI 160065).** Bush habit strongly upright to 7 feet, but eventually filling in well and free flowering throughout. Leaves of good size, color in autumn and tend to be semi-deciduous, medium green. Flowers 2 to 4 in head,  $2\frac{3}{4}$  to 3 in. across, fine form, between Deep Rose Pink and Rose Color, darkest at edges, some yellow suffusion at base, blotch conspicuous, made up of clearly defined dots of Tyrian Rose. Late April, early May. ABCDE.

**EVENSONG (PI 160032).** Erect to gradually over-arching habit to 5 feet. Leaves narrow, dark green. Flowers usually 2 to 3 in head,  $1\frac{3}{4}$  to  $2\frac{1}{4}$  in. across, somewhat starry, Rose Color, blotch Tyrian Rose but not conspicuous. Late April to mid-May. ABCDE.

**EVEREST (PI 163953).** Bush habit broad and rather spreading, but may reach up to 5 feet in height. Leaves medium green. Flowers 1 to 3 in head, 2 in. across, white, pale chartreuse blotch; very floriferous. Early to mid-May. ABCDEFG.

**FAIRY BELLS (PI 160075).** Vigorous, upright to spreading habit, to 6 feet. Leaves broad, dark green. Flowers usually 2 to 4 in head, 2 to  $2\frac{1}{2}$  in. across, hose-in-hose, pendant like a Christmas cactus, Spinel Pink, with few dots of Tyrian Rose. Mid-April. ABCDEF.

**FAITH (PI 160117).** Habit much like that of *R. Kaempferi* —almost deciduous. Flowers 2 to 3 in head, 3 in. across, Deep Rose Pink with few dots of Rose Color at base of upper lobe, very fine form rounded and well imbricated. The whole color value lightens as flower matures and one notes the yellow tone at base of tube. Early April. ABCDE.

**FAKIR (PI 163914).** Spreading habit with ascending branches to 4 feet. Leaves medium to dark green. Flowers 1 to 2 in head, freely produced, 3 in. across, very flat, with fine rounded lobes, Rose Color but with a yellow undertone; blotch conspicuous, made up of heavy, almost confluent dots of Amaranth Purple. Mid- to late May. ABCDEF.

**FANDANGO (PI 163816).** Bush habit very compact and twiggy up to 4 feet. Leaves small, dark green. Flowers 2 to 4 in head, in great masses, 3 in. across, Rosolane Purple, Spinel Red throat, Carmine blotch, reverse of corolla and stamens scarlet. Mid-May. ABCDE.

**FANFARE (PI 160021).** Erect to eventually over-arching habit to 5 feet. Leaves narrow, dark green. Flowers usually 2 to 4 in head,  $1\frac{3}{4}$  to 2 in. across, somewhat irregularly hose-in-hose, Eosin Pink, blotch of Rose Red covers upper lobe and half of each adjoining. Late April, early May. ABCDEF.

**FANTASY (PI 141775).** Medium height to rather spreading habit, not over 4 feet. Leaves medium green. Flowers 2 to 4 in head, often massed, 2 in. across, white, broadly flaked and striped with dull red. Mid-April. BC.

**FASHION (PI 141788).** Erect to eventually over-arching habit to 6 feet. Leaves small, glossy, dark green. Flowers usually 2 to 4 in head, 2 in. across, almost perfect hose-in-hose, Begonia Rose with heavy blotch of Tyrian Rose, anthers dark, blotch is repeated on the petaloid calyx, base of tube almost white. Late April, early May. ABCDEFGHI.

**FAVORITE (PI 160035).** Erect to eventually over-arching habit to 5 feet. Leaves small, dark green. Flowers usually 2 to 3 in head, 1½ to 1¾ in. across, irregularly hose-in-hose, Geranium Pink with heavy blotch of Nopal Red on upper lobe. The orange undertone of newly opened flowers lightens to give pale salmon effect. Late April, early May. ABCDEF.

**FAWN (PI 163844).** Bush habit rather broad spreading, but gradually building up to perhaps 5 feet. Leaves medium green. Flowers 1 to 3 in head, very abundant, 2 to 2½ in. across, white center, Mallow Pink margins. Mid-May. ABCDEF.

**F. C. BRADFORD (PI 160071).** Bush habit compact, broad spreading with ascending branches. Leaves dark green, glossy, narrow. Flowers 2 to 3 in head, freely produced, 2 to 2½ in. across, Rose Color to Rose Red on edge; blotch of Amaranth Purple dots. Flower heads sometimes massed to make rhododendron-like mass. Late April, early May. ABCDEFG.

**FELICITY (PI 160040).** Rather erect bush to 8 feet, filling in after upward growth has been completed. Leaves somewhat variable, light green, somewhat hairy. Flowers 2 to 3 in head, heads sometimes grouped, 2¾ to 3 in. across, fine symmetrical form, a little lighter than Deep Rose Pink but darkening to that color on margins, blotch conspicuous, made up of distinct dots darker than Tyrian Rose but not as dark as Amaranth Purple. Late mid-season. ABCDEFGHI.

**FESTIVE (PI 141779).** Erect, somewhat spreading growth to 6 feet. Leaves medium green, somewhat pointed. Flowers usually 2 to 4 in head, but heads sometimes clustered. Flowers 2 to 2½ in. across, pure white with no blotch, freely sanded and occasionally striped with dull rose (between Spinel Red and Rose Color). Effect from distance flesh white. Mid-April. ABCDEFG.

**FOLLY (PI 163790).** Bush habit rather broad forming, but probably not over 4 feet. Leaves medium green. Flowers 1 to 3 in head, 2¾ to 3 in. across, white striped with Tyrian Pink. Mid- to late May. ABCDEF.

**FOUNTAIN (PI 163913).** Spreading growth with strongly ascending branches to 3 feet. Leaves medium green. Flowers usually 1 to 2 in head, 3 inches across, lobes somewhat pointed, Rose Pink with broad blotch made up of somewhat striate lines of Rose Red. Late May, early June. ABCDE.

**FREEDOM (PI 163931).** Growth moderately dense, branches ascending, to 5 feet. Leaves narrow, medium green, to 3 inches. Flowers 1 to 2 in head, 2 to 2½ in. across, lobes broad but not overlapping, Geranium Pink shaded Rose Doree, blotch conspicuous of small dots of Rose Color. Late April, early May. ABCDE.

**FRIVOLITY (PI 163868).** Bush habit very dense and twiggy, but probably making bush up to 4 feet. Leaves dark green, glossy. Flowers 2 to 4 in head, very freely produced, 2½ in. across, white, yellow blotch, few Eugenia Red stripes. Mid-May. ABCDE.

**FURBELOW (PI 163970).** Bush habit broad spreading, but probably in time to 5 feet. Leaves dark green, glossy. Very floriferous. Flowers 2 to 4 in head, 2 in. across, white, heavily sanded, flaked and with few stripes of Nopal Red. Anthers blackish. Striking. Mid-May. ABCDE.

**FUTURITY (PI 163851).** Bush habit rather broad spreading, but probably not over 3 feet. Leaves medium green. Flowers 2 to 4 in head, hose-in-hose, 2½ in. across, general type of Ho-oden, white with Rosolane Purple stripes. Mid-May. ABCDEF.

**GAIETY (PI 141910).** Erect to broad spreading to 5 feet. Leaves narrow, dark green. Flowers usually 1 to 3 in head, very freely produced. Color Light Rose Pink with conspicuous blotch of Rose Red on upper lobes. Early May. ABCDEFGHIJ.

**GALATHEA (PI 160097).** Bush with erect rather than spreading habit but well filled with twiggy branches. Leaves medium to dark green. Flowers 1 to 3 in head, freely produced, 1½ in. across, clustering in head to 8 flowers, Acajou Red with few dots on upper petal spilling over on adjoining petals; spots slightly darker or lighter, not conspicuous. Late April. ABCDEFG.

**GALAXY (PI 163786).** Bush habit broad spreading, but probably never over 5 feet. Leaves dark green. Flowers 1 to 3 in head,  $2\frac{1}{2}$  to 3 in. across, white usually with a little sanding of Pale Phlox Purple, rare branch sports Phlox Purple with white center. Mid- to late May. ABCDEF.

**GALLANT (PI 163866).** Bush habit very dense and twiggy, but probably making bush up to 4 feet. Leaves dark green, glossy. Flowers 2 to 4 in head, very abundant,  $2\frac{1}{2}$  in. across, a creamy white with very few small red flakes. Mid-May. ABCDEF.

**GAWAIN (PI 182875).** Bush broad spreading, densely twiggled to ground, to 5 feet. Leaves rather narrow, dull medium green, almost deciduous with some autumn coloring. Flowers usually 1 to 2 in head, very freely produced,  $2\frac{1}{2}$  to 3 in. across, lavender with a blotch of dark purple A-shaped marks on upper lobe. Very distinct. Early to mid-May. ABCD.

**GEISHA (PI 141774).** Tall, erect to spreading habit, but not over 6 feet. Leaves medium green. Flowering abundant, 2 to 4 flowers in head, often massed,  $1\frac{1}{2}$  to 2 in. across, white with chartreuse blotch, flaked and striped with Livid Purple. Mid-April. ABCDEFGHIJKLMNOP.

**GLACIER (PI 160073).** Vigorous, erect to spreading growth up to 5 feet, with very handsome lustrous, dark green leaves. Flowers usually borne 2 to 3 in head,  $2\frac{1}{2}$  to 3 in. across, shining white with a faint green tone. Late April. ABCDEFG.

**GLADIATOR (PI 160024).** Strong growing, rather upright with dense, heavy twigs in time. Foliage heavy, leaves dark green up to  $2\frac{1}{2}$  in. long. Flowers 3 to 4 in head, heads often clustered,  $1\frac{3}{4}$  in. across, Nopal Red with blotch of dots of Bordeaux that makes flower carry as very deep Bordeaux Red; striking. Mid-April. ABCDEF.

**GLAMOUR (PI 141908).** Erect to broad spreading, to 5 feet. Leaves narrow, dark green. Flowers usually 1 to 3 in head, very freely produced. Color a very brilliant Rose Red. Mid-April to early May. ABCDEFGHI.

**GLEE (PI 163881).** Bush habit somewhat like that of *R. mucronatum*, probably up to 5 feet. Leaves medium to dark green. Propagated from a branch sport on the original seedling; striped and flaked Mallow Purple, very faint Chartreuse blotch. Late April. ABCDEFG.

**GNOME (PI 163861).** Bush dense, twiggy, but probably in time up to 4 feet in height. Leaves dark green, glossy. Flowers 2 to 4 in head,  $2\frac{1}{2}$  in. across, white, green blotch, striped Eugenia Red. Mid-May. ABCDEFG.

**GOBLIN (PI 163974).** Bush habit broad spreading, but probably in time to 5 feet. Leaves dark green, glossy. Flowers very freely, blooms of fine substances, 2 to 4 in head, 2 in. across, white, flaked and striped Eugenia Red. Cut out any branch producing solid red flowers. More brilliant than Madcap. Mid-May. ABCDEFG.

**GORGEOUS (PI 160116).** Erect to spreading to 5 feet. Leaves broad, medium green, soft, somewhat rough hairy. Flowers 3 to 4 in head, over 4 in. across, flat faced, very showy, a little paler than Begonia Rose with heavy blotch extending to all three upper lobes, made up of clean A-shaped mark of Rose Red. Mid-season. ABCDEF.

**GRACE FREEMAN (PI 202128).** Bush with habit of *R. mucronatum* but more densely branched. The leaves are similar but heavier in character, evergreen. Flowers  $3\frac{3}{4}$  to 4 in. across, 2 to 4 in head, pale La France Pink with a few slightly darker spots on blotch area. Mid-May. Available 1955.

**GRACIOUS (PI 160028).** Erect to eventually over-arching habit to 5 feet. Leaves heavy, dark green. Flowers usually 2 to 6 in head, 2 in. across, between Tyrian Pink and Rose Color, blotch heavy Tyrian Rose; brighter than Evensong. Late April, early May. ABCDEF.

**GRANAT (PI 160091).** Rather erect growth to 6 feet. Leaves medium green. Flowers usually 2 to 3 in head, 2 in. across, a little brighter than Eugenia Red. Blotch large but not conspicuous, made up of many fine dots of Tyrian Rose. Early May. ABCDE.

**GRANDAM (PI 163981).** Bush habit low and twiggy, possibly reaching 3 feet in time. Leaves dark green. Flowers 1 to 3 in head, 3 in. across, ruffled margins, white with very little sanding and a few stripes of Liseran Purple. Mid-May. ABCDEFG.

**GRANDEE (PI 160054).** Bush habit broad spreading but up to 4 feet. Leaves dark green, somewhat like Kurumes. Flowers  $2\frac{3}{4}$  in. across, 1 to 3 in head, heads often grouped, Geranium Pink with conspicuous blotch of distinct dots of Tyrian Rose. Early May. ABCDEFG.

**GREETING (PI 141901).** Erect to broad spreading to 4 feet. Leaves dark green. Flowers usually 1 to 2 in head, very freely produced,  $1\frac{3}{4}$  to 2 in. across, margins of lobes ruffled, coral rose. Mid- to late April. ABCDEFGHIJK.

- GRENADEIER (PI 160105).** Bush habit rather like that of *R. Kaempferi*. Leaves medium green, and tend towards semi-deciduous habit. Flowers 2 to 4 in head, heads often grouped,  $1\frac{3}{4}$  to 2 in. across, near but a little lighter than Scarlet Red. Blotch of small dots of Pomegranate Purple is not conspicuous. Late April. ABCDE.
- GUERDON (PI 163779).** Bush low and broad spreading, probably not much over 2 feet. Leaves dark green. Flowers 1 to 3 in head,  $2\frac{1}{2}$  to 3 in. across, many with 6 lobes, Light Mallow Purple, Tyrian Rose blotch, orange tube. Mid- to late May. ABCDE.
- GYPSY (PI 160058).** Erect to somewhat spreading habit to 8 feet. Leaves medium green, somewhat hairy. Flowers 2 to 3 in head, 3 to  $3\frac{1}{4}$  in. across, somewhat starry but very striking, between Mallow Purple and Light Mallow Purple. Late April. ABCDE.
- HARBINGER (PI 163794).** Bush habit rather broad spreading, but probably not over 3 feet. Leaves dark green. Flowers 1 to 3 in head, very brilliant color, 3 in. across, frilled margins, Rose Color with Tyrian Rose blotch, yellow tone at base of tube. Mid-May. ABCDE.
- HARLEQUIN (PI 163958).** Bush habit broad spreading, but possibly up to 5 feet in time. Leaves dark green, glossy. Flowers 2 to 4 in head, 2 in. across, round with overlapping segments, white, flaked and striped with Phlox Purple. Early to mid-May. ABCDEFG.
- HELEN CLOSE (PI 163961).** Bush habit very dense and twiggy, forming rounded crown as in florist's azaleas, to 4 feet. Leaves rather small, dark green. Flowers very abundant, 2 to 4 in head,  $2\frac{1}{2}$  to 3 in. across, white, very pale yellow blotch fading to pure white. Early to mid-May. ABCDEF.
- HELEN FOX (PI 163859).** Bush dense and twiggy, rather upright in habit, but probably will make up to 3 feet. Leaves medium green, dull. Flowers 1 to 3 in head, 2 to  $2\frac{1}{2}$  in. across, much like those of Surprise but paler in effect. Margins irregularly white, flower lighter than Eugenia Pink, flushed Begonia Pink, blotch darker. Mid-May. ABCDE.
- HELEN GUNNING (PI 163967).** Bush habit broad spreading, but probably up to 5 feet in height in time. Leaves medium green. Flowers 1 to 2 in head,  $2\frac{1}{2}$  in. across, flat faced, ruffled margins, white center, margins Tyrian Pink. Mid-May. ABCDEFG.
- HERALD (PI 163980).** Bush habit broad spreading, possibly to 5 feet in time. Leaves medium green. Flowers 1 to 3 in head, 2 in. across, white with some Magenta stripes, but chiefly distinguished by the blotch of dull crimson dots on upper lobe and pale Phlox Purple flush over the flower face. Mid-May. ABCDEFGIJ.
- HOPEFUL (PI 160016).** Erect to eventually over-arching habit to 6 feet. Leaves small, pointed, dark green. Flowers usually 2 to 3 in head, very regular in form,  $1\frac{1}{2}$  to  $1\frac{3}{4}$  in. across, Rose Color, blotch inconspicuous. Late April, early May. ABCDEF.
- ILLUSION (PI 160018).** Dense evergreen bush, upright to spreading to 4 feet. Flowers usually 2 to 3 in head,  $2\frac{1}{2}$  in. across, somewhat starry, Deep Rose Pink with Tyrian Rose blotch. Late April. ABCDEF.
- ISOLDE (PI 182869).** Vigorous bush with ascending branches up to 7 feet. Leaves medium green, somewhat harsh. Flowers 1 to 2 in head, heads often grouped, 2 to  $2\frac{1}{2}$  in. across, a little more brilliant than Eugenia Red, large conspicuous blotch with ground color Pomegranate Purple and dots of Amaranth Purple. Mid-April. ABCDE.
- IVORY (PI 160060).** Bush habit broad spreading to 5 feet. Leaves medium green, much like those of *R. mucronatum*. Flowers 2 to 3 in head, heads sometimes grouped. The vertical dimension 4 in. is greater than width, 3 in.; pure white, no blotch. Late April. ABCDEFI.
- JAMBOREE (PI 160077).** Erect, somewhat spreading habit to 5 feet. Leaves medium green. Flowers usually 2 to 3 in head, 2 to  $2\frac{1}{2}$  in. across. Color carries as a little lighter than Scarlet Red but is not as light as Rose Doree, blotch not conspicuous. Late April. ABCDEFG.
- JANET NOYES (PI 163965).** Bush habit, compact and rather twiggy, but probably to 3 feet in time. Leaves dark green. Flowers 2 to 4 in head,  $2\frac{1}{2}$  in. across, Rose Color with Scarlet tube and throat; very floriferous and very brilliant. Mid-May. ABCDEFG.
- JEANNIN (PI 160137).** Bush habit, wide spreading rather than upright, densely twiggy, but eventually up to 5 feet. Leaves medium to dark green. Flowers 1 to 3 in head, heads often clustered, freely produced,  $1\frac{3}{4}$  to 2 in. across, Deep Rose Pink, Pomegranate Purple dots in blotch. Mid- to late April. ABCDEF.
- JESSICA (PI 163918).** Spreading habit to 4 feet. Leaves dark green. Flowers 1 to 2 in head, freely produced, 3 in. across, Deep Rose Pink, small blotch made up of few distinct dots of Tyrian Rose. Mid- to late May. ABCDEFGIJ.

**JINGLE (PI 182867).** Bush erect with ascending branches to about 5 feet. Leaves rather small, Kurumelike, medium green. Flowers 2 to 4 in head, heads often grouped, freely produced, 1½ to 2 in. across, rose red. Mid-April. ABCDEFG.

**JOKER (PI 163826).** Bush habit rather broad spreading, but probably not over 4 feet. Leaves dark green. Flowers very round in outline, 1 to 3 in head, 3 to 3½ in. across, like Chameleon but much sanded with Rosolane Purple in addition to Rosolane Purple stripes. Mid-May. ABCDEF.

**JONCLEUR (PI 141797).** Bush with strongly ascending branches, broader when mature, but up to 6 feet. Leaves somewhat coarse, medium green. Flowers 1 to 3 in head, freely produced, to 2½ in. across, showy, Deep Rose Pink with undertone of Old Rose; blotch of Tyrian Rose; dots not very distinct. ABCDEFGHIJKLMNOP.

**JOYA (PI 141905).** Broad spreading to 4 feet. Leaves medium to dark green, somewhat hairy. Flowers 1 to 2 in head, freely produced, 2½ to 3 in. across, Rose Pink, very brilliant. Makes best show when mature. Late April, early May. ABCDEFG.

**JUBILANT (PI 141781).** Bush erect rather than spreading but eventually a robust dense bush up to 6 feet. Leaves smallish, dark green. Flowers 2 to 3 in head, 2 to 2½ in. across, carrying as a rich purplish red, close to Rhodamine Purple. Late April. ABCDEFGHIJKLMNOP.

**JUBILEE (PI 163890).** Bush spreading rather than erect growth to 3 feet. Leaves small, rather yellowish green. Flowers 2 to 3 in head, 2 to 2½ in. across, Eosin Pink, few dots of Tyrian Rose in blotch. Mid-May. ABCDEF.

**JUNEGLOW (PI 141773).** Clone propagated from a seedling raised as PI No. 81661 from seed collected in Japan by R. Kent Beattie in 1929. The chief value of this plant is its habit of flowering freely the first week in June. The bush is somewhat straggling to 5 feet; produces in time large, shelflike branches with semi-evergreen foliage. The flowers are freely produced, about 1 to 1¼ in. across, and orange salmon in color. ABCD.

**KASHMIR (PI 160084).** Erect to spreading habit to 6 feet. Leaves narrow, dark green. Flowers usually 3 to 5 in head, 3 in. across, Begonia Rose, with broken blotch of Tyrian Rose dots. Mid-April. ABCDE.

**KATHLEEN (PI 163921).** Spreading habit to 4 feet. Leaves dark green. Flowers 1 to 2 in head, freely produced, 2½ in. across, good form, Rose Doree to lighter, blotch made up of small dots of Tyrian Rose over rose suffusion. Mid- to late May. ABCDEFGIJ.

**KATINKA (PI 182871).** Bush erect but more spreading than tall, to 5 feet. Leaves medium green, rather narrow. Flowers 1 to 2 in head, freely produced, 2 in. across. Mid-April. (Color later). ABCDE.

**KENWOOD (PI 141800).** Bush habit, generally broader than tall, densely twiggy with fine form, up to 5 feet. Leaves medium to dark green, rather narrow. Flowers 1 to 3 in head, heads sometimes grouped, freely produced, 2 to 2¾ in. across, double, Spinel Pink. The garden effect is a deep, tawny rose color. Late April, early May. ABCDE.

**KILLARNEY (PI 163792).** Bush habit rather broad spreading, but probably never over 5 feet. Leaves medium green. Flowers 1 to 3 in head, 2¾ to 3¼ in. across, frilled margins, white, chartreuse blotch, with very few Phlox Purple flakes. Mid- to late May. ABCDEFG.

**KOBOLD (PI 163877).** Bush habit, dense and twiggy, but probably making up to 5 feet in time. Leaves dark green. Flowers 2 to 4 in head, 2 in. across, between Pomegranate Red and Bordeaux (a brownish red). Very striking and almost unique color. Mid-May. ABCDE.

**KOHINOOR (PI 163885).** Bush habit broad spreading, possibly in time up to 5 feet. Leaves medium green. Flowers 1 to 3 in head, 3 in. across, ruffled white, chartreuse blotch, with few Nopal Red stripes and flakes. Mid-May. ABCDEF.

**LACQUER (PI 163856).** Bush dense and twiggy, rather dwarf in habit, up to 3 feet. Leaves dark green, glossy. Flowers 1 to 3 in head, 3 in. across, white with stripes and sanding of Old Rose, which is really a dulled but scarlet red. Early to mid-May. ABCD.

**LADYLOVE (PI 160131).** Erect to wide-spreading growth to 6 feet with good green foliage. Flowers usually 2 to 3 in head, 3 in. across, between Rose Pink and Deep Rose Pink, darker at margins, blotch not heavy, dots of Tyrian Rose. Late April. ABCDE.

**LEONORE (PI 163922).** Spreading habit to 4 feet. Leaves dark green. Flowers 1 to 2 in head, freely produced, 2½ in. across, Deep Rose Pink to almost white at base of tube, blotch made up of A-shaped dots of Tyrian Rose. Mid- to late May. ABCDEFGIJ.

**LILLIE MAUDE (PI 163968).** Bush habit broad spreading, but probably up to 5 feet in height in time. Leaves medium green. Flowers 2 to 3 in head, 3 in. across, beautifully frilled, Tyrian Pink, a very clear color. Mid-to late May. ABCDEFG.

**LITANY (PI 160083).** Bush with dense, twiggy habit, generally broader than tall, but up to 5 feet. Leaves narrow, dark green. Flowers 1 to 3 in head, freely produced, excellent rounded form, 2 to 2½ in. across, deep lavender pink, heavy Amaranth blotch. Late April, early May. ABCDEFG.

**LOUISE DOWDLE (PI 163969).** Bush habit, broad to wide spreading, densely twiggy in time, but up to 5 feet. Leaves medium to dark green. Flowers very freely produced, 1 to 3 in head, 3 in. across, brilliant, Tyrian Pink, with showy blotch of Tyrian Rose. Mid- to late May. ABCDEFG.

**LOVELINESS (PI 160033).** Bushes erect at first but filling in with ascending branches to 6 feet; leaves rather narrow, somewhat hairy, medium green. Flowers 2 to 4 in head, 2 to 2½ in. across, well imbricated, margins somewhat ruffled, Deep Rose Pink self with enough pale yellow undertone to make pink vivid. Late mid-season. ABCDEF.

**LUCETTE (PI 160055).** Erect, somewhat Kurumelike habit, with broad, dark green leaves almost as good as those in Glacier but hairier. Flowers 2 to 4 in head, 2 in. across, very symmetrical, slightly waved margins, Tyrian Pink; dots of blotch heavy, between Tyrian Rose and Amaranth Purple; base of tube light with faint suggestion of yellow. Mid-season. ABCDEF.

**ULLABY (PI 141794).** Upright and eventually broad spreading to 4 feet. Leaves dark green. Flowers usually 2 to 4 in head, freely produced, hose-in-hose, 1½ in. across, Rose Doree, showing Tyrian Rose blotch. Late April. ABCDEFGIJKL.

**LUMINARY (PI 163823).** Bush habit rather broad spreading, but probably not over 4 feet. Leaves dark green. Flowers very abundantly, 2 to 3 in head, 2 to 2½ in. across, carry as a pure salmon color, many with six lobes to corolla, Spinel Pink, Rose in throat, and yellow at base of tube. Mid-May. ABCDEF.

**LUNA (PI 201896).** Plant spreading rather than tall, eventually to 5 feet. Leaves dark green. Flowers 2 to 3 in head, 3½ in. across, after the style of Alight and Welcome, but with darker rose margins (almost Tyrian Rose), with darker blotch and white eye. Mid- to late May. ABCDE.

**LUSTRE (PI 141802).** Bush erect but somewhat spreading to not over 5 feet. Leaves dark green, glossy, narrow. Flowers usually 2 in head, 2 to 2½ in. across, very round and regular in form but lobes not imbricated, practically a self, Rose Color. Early May. ABCDEF.

**LYRIC (PI 163891).** Broad spreading rather than tall, to 5 feet. Leaves medium green. Flowers 1 to 3 in head, 2½ to 3 in. across, white with chartreuse blotch. Heads are sometimes grouped so that clusters up to 14 flowers may appear on young shoots. Mid-May. ABCDEF.

**MADCAP (PI 163973).** Bush habit broad spreading, but probably in time to 5 feet. Leaves dark green, glossy. Flowers very freely, blooms of heavy substance, 2 to 4 in head, 2 in. across, white, flaked and striped but not sanded, Eugenia Red. There is a yellow tone throughout entire flower. Mid-May. ABCDEFGIJ.

**MADEIRA (PI 160093).** Vigorous, erect growth to eventually spreading crown to 7 feet. Leaves medium green, not large. Flowers usually 2 to 3 in head, 3 in. across, rather funnel shaped, between Deep Rose Pink and Rose Color, spots of blotch Tyrian Rose, showy, anthers brown, filaments Tyrian Rose. Late April. ABCDEF.

**MADRIGAL (PI 163096).** Vigorous, rather spreading bush to 3½ feet, with slender, quite evergreen foliage. Flowers usually 2 to 3 in head, 3½ in. across, pale rose pink with a blotch slightly deeper in color that extends beyond the uppermost lobe on to the two side lobes. Mid-to late April. ABCDEFGIJ.

**MAGIC (PI 141789).** Erect to eventually over-arching habit to 5 feet. Leaves fine dark green. Flowers usually 2 to 5 in head, 1¾ in. across, irregularly hose-in-hose, Rose Doree, blotch Tyrian Rose, but appears darker because dots are confluent. Late April, early May. ABCDEF.

**MANDARIN (PI 163986).** Flowers 2½ in. across, 3 in head, a Geranium Pink with Tyrian Rose dots in blotch. Spreading rather than erect growth, to 3 feet. Leaves small, rather yellowish green. Flowers 3 in head, 2½ in. across, a Geranium Pink with Tyrian Rose dots in blotch. Mid-May. ABC.

- MANHATTAN (PI 163917).** Spreading habit to 4 feet. Leaves dark green. Flowers 1 to 2 in head, freely produced,  $2\frac{1}{2}$  in. across, rounded lobes, between Amaranth Pink and Tyrian Pink; blotch carries as a stain of Tyrian Rose on upper lobe. Mid- to late May. ABCDEFG.
- MARIONETTE (PI 160066).** Vigorous, rather upright growth with medium-sized, light green leaves, to 8 feet. Flowers usually 3 in a head,  $1\frac{1}{2}$  to 2 in. across, particularly well formed with overlapping lobes; Eosin Pink shading to Geranium Pink on margins. Blotch conspicuous, Tyrian Rose; effect is brilliant salmon pink with light crimson blotch. Mid-April. ABCDE.
- MARJORIE (PI 163924).** Spreading habit to 4 feet. Leaves dark green. Flowers 1 to 2 in head, freely produced, 3 in. across with broad, rounded lobes, Rose Color, with blotch on upper lobe like heavy stain on Tyrian Rose, a faint yellow tone at base of tube. Mid- to late May. ABCDEFGIJK.
- MARMORA (PI 160051).** Erect to somewhat spreading up to 7 feet. Leaves medium green. Flowers usually 2 to 4 in head, heads often clustered, 2 to  $2\frac{1}{2}$  in. across, pure white, abundant, no suggestion of blotch. Mid-April. ABCDEFG.
- MARTHA HITCHCOCK (PI 163955).** Bush habit rather broad spreading, but probably will reach 4 feet in height. Leaves medium green, hairy. Flowers 1 to 3 in head, 3 in. across, white margined with Magenta. Early to mid-May. ABCDEFG.
- MARVEL (PI 160007).** Erect to broad spreading, to 5 feet. Leaves medium green. Flowers up to 5 in head, 3 to  $3\frac{1}{2}$  in. across, Deep Rose Pink, shaded Rose Color, blotch Tyrian Rose. Mid-April. ABCDEF.
- MARY HELEN (PI 163888).** Bush rather broad spreading, but probably in time up to 5 feet. Leaves dark green. Flowers 1 to 3 in head, 2 in. across, white with chartreuse blotch, conspicuous brown anthers, corolla with heavy substance. Mid-May. ABCDEF.
- MARY MARGARET (PI 163920).** Spreading habit to 4 feet. Leaves dark green. Flowers 1 to 2 in head, freely produced, 3 inches or more across, broad lobes well imbricated, Rose Doree, with very heavy blotch on upper lobe made up of small dots of Amaranth Purple over suffused dull purple tone. Whole flower carries as a glowing orange. Mid- to late May. ABCDEFGIJ.
- MASCOT (PI 160039).** Vigorous upright growth to 8 feet. Leaves medium green. Flowers usually 2 to 4 in head, some flowers with six instead of five lobes, 2 to  $2\frac{1}{2}$  in. across, Begonia Rose with conspicuous blotch of confluent dots of Tyrian Rose. Mid-April. ABCDE.
- MASQUERADE (PI 163963).** Bush habit compact and twiggy, low spreading, but probably to 3 feet in time. Leaves dark green. Flowers 2 to 3 in head, abundantly produced,  $2\frac{1}{2}$  in. across, white, sanded, flaked and striped with Tyrian Pink. Mid-May. ABCDEF.
- MASTERPIECE (PI 163821).** Bush habit rather broad spreading, but probably not over 4 feet. Leaves dark green. Flowers very abundantly produced as in florist's varieties, 2 to 3 in head, 3 to  $3\frac{1}{2}$  in. across, Amaranth Pink, Tyrian Rose blotch. Mid-May. ABCDEF.
- MATINS (PI 182883).** Bush spreading but eventually to about 5 feet. Leaves fairly large, medium green, slightly pubescent. Flowers 1 to 2 in head, freely produced, 2 to  $2\frac{1}{2}$  in. across, pale lavender. Mid-April. ABCDEF.
- MAVIS (PI 163962).** Bush habit compact and very twiggy, low spreading, but probably to 3 feet in time. Leaves dark green. Flowers very abundant, 2 to 3 in head, 2 in. across, Tyrian Pink with Tyrian Rose dots on blotch, tube yellowish. Mid-May. ABCDEF.
- MAVOURNEEN (PI 141768).** Bush habit, very erect to 5 feet, eventually broadening and filling in. Leaves medium green. Flowers 2 to 4 in head, heads often clustered, 2 to  $2\frac{1}{4}$  in. across, clear Pale Rose Pink. Mid-April. ABCDEFG.
- MAYFLOWER (PI 141793).** Bush erect to somewhat over-arching, not over 5 feet. Leaves rather narrow, dark green. Flowers freely produced, 1 to 3 in head,  $1\frac{1}{2}$  to 2 in. across, hose-in-hose, a little darker than La France Pink but not as dark as Geranium Pink, a few fine dots of Tyrian Rose in blotch area. Mid-April to early May. ABCDEFGIJKL.
- MEGAN (PI 163900).** Broad spreading, densely twiggy bush to 5 feet. Leaves dark green, rather narrow, glossy. Flowers 1 to 3 in head, freely produced,  $2\frac{3}{4}$  to 3 in. across, of good form, Amaranth Pink with showy blotch of Tyrian Rose dots. Mid- to late May. ABCDEF.
- MELANIE (PI 141783).** Upright, spreading to finally over-arching habit, not over 5 feet. Leaves dark green. Flowers hose-in-hose,  $1\frac{1}{2}$  in. across, freely produced, slightly dulled rose pink a little paler than Begonia Rose, very few dots of Tyrian Rose in blotch area which is flushed with almost the same tone. Late April. ABCDEFGIJKL.

**MEMENTO (PI 163977).** Bush habit very compact and twiggy, spreading, dwarf, probably not over 2 feet. Leaves dark green, glossy. Flowers 2 to 4 in head, crowded on plant, 2 in. across, white heavily sanded, flaked and striped Liseran Purple. Mid-May. ABCDEFGIJ.

**MERLIN (PI 182876).** Bush broad spreading, densely twigged to ground, to 5 feet. Leaves rather narrow, dull, medium green, almost deciduous, with some autumn color. Flowers usually 1 to 2 in head, very freely produced,  $2\frac{1}{2}$  to 3 in. across, rosy lavender. Early to mid-May. ABCDEF.

**METEOR (PI 163804).** Bush habit rather broad spreading, but probably not over 4 feet. Leaves medium green. Flowers 1 to 3 in head, 3 in. across, frilled, between Phlox Purple and Mallow Purple, with scarlet tube. Mid-May. ABCDEF.

**MINSTREL (PI 160008).** Very vigorous, rather erect to 6 feet. Leaves medium green. Flowers usually 3 to 5 in head, 3 in. across, Nopal Red with contrasting blotch of Tyrian Rose. Mid-April. ABCDEFGIJ.

**MINUET (PI 141772).** Tall, erect, *Kaempferi*-like habit, eventually filling out to 6 feet. Leaves medium green. Flowers abundantly produced, 2 to 4 in head, often massed, white with chartreuse-green blotch and occasional Amparo Purple line or dot; crinkled petals. Early to mid-April. ABCFGIJ.

**MODESTY (PI 160048).** Erect but not too spreading habit to 5 feet. Leaves dark green, somewhat hairy. Flowers usually 2 to 3 in head,  $2\frac{1}{2}$  to 3 in. across, Tyrian Rose flushed Rose Color from center; semi-double. Mid-April. ABCDEF.

**MOIRA (PI 163843).** Bush habit very compact and dense, gradually building up to perhaps 5 feet. Leaves dark green, glossy. Flowers 1 to 3 in head, very abundant, 2 in. across, white, heavily sanded, striped and sectioned with Eugenia Red. Mid-May. ABCDEF.

**MOONBEAM (PI 163836).** Bush habit rather broad spreading, but probably not over 5 feet tall. Leaves medium green. Flowers 1 to 3 in head, 4 to 5 in. across, white, some frilling on margins. Mid-May. ABCDE.

**MOONSTONE (PI 163768).** Bush habit tends to be broad spreading, probably not over 5 feet. Leaves dark green. Flowers 2 to 3 in head,  $2\frac{1}{2}$  to 3 in. across, an excellent white with chartreuse throat. Mid- to late May. ABC.

**MORGANA (PI 182877).** Bush broad spreading with eventual height up to 6 feet. Leaves rather narrow, medium green, almost deciduous, with some autumn coloration. Flowers 1 to 2 in head, freely produced, 2 to  $2\frac{1}{4}$  in. across, general effect pure lavender. Early May. ABCDEF.

**MORNING STAR (PI 160062).** Very erect to slightly spreading habit to 6 feet. Leaves dark green. Flowers 2 to 3 in head, but massed, 2 in. across, good form, Rose Color but with a suggestion of yellow undertone that makes color more lively. Mid-April. ABCDEFG.

**MOTHER OF PEARL (PI 160127).** Erect, somewhat spreading to 6 feet. Leaves medium green. Flowers many to a head, as in Kurume varieties,  $1\frac{1}{2}$  to  $1\frac{3}{4}$  in. across. They are essentially white, washed from the margins with Pale Amaranth Pink, often with white area in center of each lobe. Very few dots of Tyrian Pink in blotch on upper lobe; irregularly hose-in-hose. Mid-April. ABCDEF.

**MOTLEY (PI 163975).** Bush habit compact and twiggy, probably not reaching over 3 feet. Leaves dark green, glossy. Flowers very freely, 2 to 3 in head, 2 in. across, white sanded and striped Tyrian Pink with chartreuse blotch. Mid-May. ABCDEFGIJK.

**MOUNTEBANK (PI 163911).** Spreading growth with somewhat ascending branches to 3 feet. Leaves medium green. Flowers usually 1 to 2 in head, 3 in. across, broad lobes somewhat waved, Deep Rose Pink with showy blotch of Rose Red dots. Late May, early June. Available 1955.

**MUSCADINE (PI 160122).** Strong growth with tendency to broad spreading habit but will grow up to 6 feet; semi-to nearly deciduous. Leaves medium green, fairly long. Flowers 2 to 3 in head,  $3\frac{1}{2}$  to  $3\frac{3}{4}$  in. across, very symmetrical, well imbricated, flat faced, Rose Purple (to a little paler); dots of blotch very sharp and distinct, A-shaped, a little brighter than Magenta. Anthers dark. ABCDEF.

**NATIVITY (PI 160045).** Bush spreading rather than tall, but probably to 5 feet in time. Leaves small, dark green. Flowers 2 to  $2\frac{1}{2}$  in. across, very floriferous, white with a very pale chartreuse blotch. Early to Mid-May.

**NECTAR (PI 160088).** Erect but eventually spreading habit, to 5 feet. Leaves medium green. Flowers usually 2 to 3 in head,  $2\frac{1}{2}$  to  $2\frac{3}{4}$  in. across. Effect is Rose Doree, slightly paler at edges; blotch not conspicuous. Late April. ABCDEF.

**NERISSA** (PI 160103). Bush erect to eventually over-arching to 4 feet; foliage narrow, dark green, shining. Flowers 1 to 3 in head, single,  $1\frac{1}{2}$  to  $1\frac{3}{4}$  in. across, Deep Rose Pink lighter to edges, dots of blotch Rose Color, faint yellow tones extend from base center along mid-ribs, making pink very brilliant. Like all of this class, example, Fashion, Signal, etc., makes best display when fully grown. Late April, early May. ABCDEFG.

**NIAGARA** (PI 163853). Bush habit very dense and twiggy, but probably not over 3 feet. Leaves dark green. Flowers 1 to 3 in head, very floriferous,  $2\frac{1}{2}$  in. across, frilled, white with chartreuse blotch, of as fine quality as tender azaleas. Mid-May. ABCDEF.

**NIPHETOS** (PI 163769). Bush habit tends to be broad spreading, but probably not over 5 feet. Leaves dark green. Flowers 2 to 3 in head,  $2\frac{1}{2}$  to 3 in. across, white with blotch of Neva Green and few stripes of Phlox Purple. Mid- to late May. ABCDEFG.

**NOBILITY** (PI 163880). Broad spreading habit like that of *R. mucronatum* though probably not over 4 feet. Leaves medium green. Flowers 1 to 3 in head,  $2\frac{1}{2}$  in. across, Pale Rose Purple ground color with irregular white margins, heavy blotch of Rosolane Purple dots, occasional stripe of Liseran Purple. Mid- to late May. ABCDE.

**NOCTURNE** (PI 163950). Bush habit broad and spreading, but may reach up to 5 feet in height. Leaves medium green. Flowers 1 to 3 in head, 3 in. across, between Rhodamine Purple and Aster Purple, blotch Tyrian Rose, tube Scarlet; a very brilliant clone. Early to mid-May. ABCDEFGIJ.

**NOREEN** (PI 160102). Rather spreading growth to 5 feet, with medium green foliage. Flowers 2 to 5 in head,  $1\frac{3}{4}$  to 2 in. across, very perfect hose-in-hose, slightly deeper than Rose Pink, blotch Mallow Purple, anthers dark, almost black. Late April. ABCDE.

**NOVELTY** (PI 163944). Bush habit dense and twiggy, but probably will not reach more than 4 feet in height. Leaves dark green, glossy. Flowers 1 to 3 in head, 2 in. across, very freely produced, white, Chartreuse blotch, lightly shaded and with few stripes of Phlox Purple. Early to mid-May. ABCDEFGIJ.

**OMEN** (PI 202127). Bush spreading rather than tall, but probably to 5 feet in time. Leaves small, dark green. Flowers 2 to  $2\frac{1}{2}$  in. across, 2 to 3 in head, white with chartreuse blotch on upper three lobes. Mid-May. Available 1955.

**OPERA** (PI 141911). Erect to eventually over-arching to 5 feet. Leaves dark green. Flowers usually 2 to 4 in head, freely produced,  $1\frac{1}{2}$  in. across, irregular hose-in-hose, Begonia Rose with small, not very conspicuous blotch of Carmine dots. Late April, early May. ABCDEFGIJK.

**ORACLE** (PI 160107). Bush habit wide spreading with gently ascending branches, but in time up to 5 feet. Leaves dark green. Flowers 1 to 3 in head, fine rounded form,  $2\frac{1}{2}$  to 3 in. across, Deep Rose Pink, Tyrian Rose dots in blotch. Mid- to late April. ABCDE.

**ORIFLAMME** (PI 163781). Bush habit broad spreading, but probably never over 5 feet. Leaves dark green. Flowers 1 to 3 in head,  $2\frac{1}{2}$  to 3 in. across, pale Tyrian Rose with irregular white margin and upper lobe blotched with dots of Tyrian Rose. Mid- to late May. ABCDE.

**ORISON** (PI 163979). Bush habit broad spreading, but probably up to 5 feet in time. Leaves medium green. Flowers 1 to 3 in head,  $2\frac{1}{2}$  in. across, white, flaked and with few stripes of Magenta. Mid- to late May. ABCDE.

**ORPHEUS** (PI 160001). Bush broad spreading rather than tall, eventually to 5 feet. Leaves dark green. Flowers 2 in. across, 1 to 2 in head, freely produced, very round and well formed, Rose Pink. Late April, early May. ABCDEF.

**PADRE** (PI 160041). Vigorous, erect growth to 7 feet. Leaves dark green. Flowers usually 2 to 3 in head, 2 to  $2\frac{1}{4}$  in. across, sinuate margins, between Liseran Purple and Pale Rosolane Purple. Late April. ABCDEF.

**PALADIN** (PI 163948). Bush habit broad spreading, but may reach 5 feet in height. Leaves medium green. Flowers 1 to 3 in head,  $2\frac{1}{2}$  in. across, somewhat ruffled, Mallow Purple. Mid- to late May. ABCDEFGIJ.

**PAPRIKA** (PI 163838). Bush habit very compact and dense, but gradually building up to perhaps 5 feet. Leaves deep green, glossy. Flowers 1 to 3 in head, very freely produced, 2 in. across, white with Eugenia Red stripes and flakes, green blotch. Mid-May. ABCDE.

**PARADE** (PI 163822). Bush habit rather broad spreading, but probably not over 4 feet. Leaves dark green. Flowers very abundantly, 2 to 3 in head, 3 to  $3\frac{1}{2}$  in. across, frilled, Rhodamine Purple, Tyrian Rose blotch, scarlet tube. Mid-May. ABCDEFG.

**PARADISE (PI 160012).** Erect to eventually over-arching growth to 5 feet. Leaves dark green, glossy, small. Flowers 2 to 5 in head, 2 in. across, hose-in-hose, Rose Doree, with wide blotch of Tyrian Rose dots. Late April, early May. ABCDEF.

**PASTEL (PI 141790).** Vigorous upright, with generally ascending branches to 6 feet. Leaves medium green. Flowers 2 to 4 in head, often grouped, very freely produced, 1½ to 2 in. across, hose-in-hose, white with few stripes of Amaranth Pink, a few dots of Tyrian Rose on upper lobe. Early to mid-April. ABCDEFG.

**PATRIOT (PI 163787).** Bush habit broad spreading, but probably not over 5 feet. Leaves dark green. Flowers 1 to 3 in head, 2¾ to 3 in. across, white with little green in blotch and a very few stripes of Phlox Purple. Mid-to late May. ABCDE.

**PEARL BRADFORD (PI 163904).** Broad spreading habit, but probably not over 2 feet. Leaves dark green, shining. Flowers 1 to 2 in head, 3 in. across, very round flower, Deep Rose Pink, dots of blotch very distinct, Tyrian Rose. Late May, early June. ABCDE.

**PEERLESS (PI 160104).** Vigorous, erect to finally over-arching habit to 5 feet. Leaves narrow, dark green. Flowers usually 2 to 4 in head, 1¼ in. across, irregularly hose-in-hose, Geranium Pink darkening to center, blotch conspicuous on three upper lobes, almost Nopal Red; brilliant. Late April, early May. ABCDEFG.

**PETER PAN (PI 163941).** Bush wide spreading and over-arching to 5 feet. Leaves narrow, glossy, dark green. Flowers 2 to 4 in head, freely produced, 1½ to 1¾ in. across, somewhat starry, Deep Rose Pink, almost white in center, blotch not conspicuous. Late April, early May. ABCDEF.

**PHOEBE (PI 182874).** Bush broad spreading to 4 feet, with many ascending branches. Leaves rather narrow, dark green, somewhat glistening. Flowers 1 to 2 in head, freely produced and clear over foliage as in "Belgian" azaleas, 2½ to 3 in. across, color Jasper Pink flushed with Old Rose, definite Rose Pink blotch on upper lobe. Late April, early May. ABCDE.

**PICADOR (PI 141899).** Broad spreading to 4 feet. Leaves dark green. Flowers usually 2 in head but very freely produced, 2 to 2½ in. across, very symmetrical, orange red with darker blotch on upper lobe. Late April, early May. ABCDEF'GIJ.

**PICOTEE (PI 160834).** Bush habit broad spreading, but probably not over 4 feet. Leaves medium green. Flowers 1 to 3 in head, 2 in. across, white center, Liseran Purple edge. Mid-May. ABCDEF.

**PIED PIPER (PI 163763).** Bush habit densely twiggy, compact up to 5 feet. Leaves narrow, dark green. Flowers 1 to 3 in head, heads often grouped, 2¾ to 3 in. across, white ground almost completely covered except at margins with deep rose flush and red-red stripes, blotch darker, white flushes with Pale Amaranth Pink, heavy stripes and flakes of Amaranth Pink, dots of blotch Tyrian Rose. Mid-April. ABCDEFG.

**PILGRIM (PI 141904).** Broad spreading to 4 feet. Leaves medium green, large, somewhat hairy. Flowers 1 to 3 in head, freely produced, 2 to 2½ in. across, fuchsia purple with some darker dots in upper blotch area; carries in garden effect as deep rose pink. Late April. ABCDEF.

**PINKIE (PI 160092).** Rather wide branching habit but ascending to 6 feet. Leaves medium green rather broader than most. Flowers 1 to 3 in head, abundantly produced, 2¾ in. across, Deep Rose Pink, blotch of Tyrian Rose dots, faint yellow suffusion which makes the color particularly brilliant. End April, early May. ABCDEFG.

**PINK STAR (PI 163916).** Spreading habit to 4 feet. Leaves dark green. Flowers 1 to 2 in head, freely produced, 2½ in. across, somewhat narrow lobes, Begonia Rose, with blotch on upper lobe like a stain of Tyrian Rose. Mid- to late May. ABCDEFG.

**PINNOCHIO (PI 163971).** Very dense twiggy habit with shelflike branches in time, up to 5 feet. Leaves dark green. Flowers 1 to 2 in head, freely produced so as to cover foliage 2 to 2½ in. across, size somewhat dependent on the number of flowers and moisture, white with stripes of Lacquer Red. Early to mid-May. ABCDEF.

**PINTO (PI 163840).** Bush habit very compact and dense, but gradually building up to perhaps 5 feet. Leaves deep green, glossy. Flowers 1 to 3 in head, abundant, 2½ in. across, white, stripes and flakes a little brighter than Eugenia Red. Mid-May. ABCDEF.

**PIPPIN (PI 163937).** Erect to spreading habit, to 5 feet. Narrow, dark green foliage. Flowers usually 2 to 3 in head, 2 to 2½ in. across. In color between Geranium Pink and Rose Doree; not conspicuous blotch of small dots of Rose Color, anthers brown, base of tube almost white; somewhat starry. Late April. ABCDEF.

**PIRATE (PI 141787).** Erect to finally over-arching habit to 6 feet. Leaves small, dark green. Flowers usually 2 to 3 in head,  $1\frac{1}{4}$  to 2 in. across, irregularly hose-in-hose, a little lighter than Scarlet Red, with very heavy blotch of Nopal Red on upper lobe spreading over adjoining two lobes. Late April, early May. ABCDEF.

**PIXIE (PI 141777).** Very bushy to broad spreading habit to 5 feet. Leaves light green, semi-persistent. Flowers abundantly produced, 1 to 3 in head, heads usually clustered,  $1\frac{1}{4}$  to  $2\frac{1}{4}$  in. across, starry from revolute lobes, white with central rays of Spinel Pink, blotch on upper lobe Spinel Red, occasional stripes. Mid-April. ABCDEFG.

**POLAR SEA (PI 163795).** Bush habit rather broad spreading, but probably not over 3 feet. Leaves dark green. Flowers 1 to 3 in head, 3 in. across, frilled white, chartreuse blotch, corolla very flat. Mid-May. ABCDEF.

**POLONAISE (PI 163946).** Bush habit broad spreading, but may reach 5 feet in height. Leaves rather narrow, dark green. Flowers 1 to 3 in head, freely produced, 2 in. across, white, Chartreuse blotch, very rare Magenta stripes. Early to mid-May. ABCDEFGIJ.

**PRELATE (PI 160052).** Bush with strong ascending branches to 6 feet, becoming dense and well filled out when mature. Leaves medium to dark green. Flowers 3 in head, some with six petals, heads sometimes grouped,  $2\frac{1}{2}$  in. across, freely produced. Deep Rose Pink, few Tyrian Rose dots. Late April. ABCDEF.

**PRESTO (PI 163867).** Bush habit very dense and twiggy, but probably making bush up to 4 feet. Leaves dark green, glossy. Flowers 2 to 4 in head, very freely produced,  $2\frac{1}{2}$  in. across, heavily striped and sanded red, between Eugenia Red and Acajou Red of Ridgway. Mid-May. ABCDEF.

**PRODIGAL (PI 163774).** Bush low spreading, probably never over 3 feet. Leaves dark green. Flowers 1 to 3 in head,  $2\frac{3}{4}$  to 3 in. across, white sanded and striped with Phlox Purple. There are occasional sports of Pale Amparo Purple, white on edges and with crimson blotch on upper lobe. Mid- to late May. ABCDEF.

**PROGRESS (PI 163957).** Bush habit very dense and twiggy, but slowly building up to 4 feet. Leaves medium green. Flowers 1 to 3 in head, 2 in. across, Mallow Purple darkening to Rhodamine Purple. Some variation toward white at center. Early to mid-May. ABCDEF.

**PROSPERITY (PI 163976).** Dense, rounded-top bushes to 5 feet. Leaves medium to dark green. Flowers 1 to 3 in head, freely produced,  $2\frac{1}{2}$  to 3 in. across, a clear lavender pink, sometimes showing a white star at base (Liseran Purple, white center). Early May. ABCDEFGIJ.

**PRUDENCE (PI 160034).** Erect to eventually over-arching habit, to 5 feet. Leaves dark green, acuminate. Flowers usually 2 to 4 in head, a little darker than Rose Color. Late April, early May. ABCDEF.

**PUCK (PI 163972).** Bush habit broad spreading, but probably in time to 5 feet. Leaves dark green, glossy. Very floriferous. Flowers of fine substance, 2 to 4 in head,  $2\frac{1}{2}$  to 3 in. across, white sanded and striped, Acajou Red, heavy Viridine Yellow blotch. Mid-May. ABCDEFGIJ.

**PUNCHINELLO (PI 163827).** Bush habit rather broad spreading, but probably not over 4 feet. Leaves dark green. Flowers 1 to 3 in head, 3 to  $3\frac{1}{2}$  in. across, frilled, white sanded Rosolane Purple, blotch green. Mid-May. ABCDEFG.

**QUAKERESS (PI 160002).** Erect to somewhat spreading habit to 6 feet. Leaves large, somewhat roughened, hairy. Flowers 2 to 7 in head, 2 to  $2\frac{3}{4}$  in. across, white with few flakes of Bishop's Purple, very unequal in different flowers, margins sinuate. Mid- to late April. ABCDEF.

**QUEST (PI 182872).** Bush broad spreading to 4 feet, with many ascending twigs. Leaves narrow, medium green, slightly pubescent. Flowers 1 to 3 in head, freely produced,  $2\frac{1}{2}$  to 3 in. across, lavender pink. Mid- to late April. ABCDEF.

**RADIANCE (PI 163800).** Bush habit broad spreading, but possibly not over 3 feet. Leaves dark green. Flowers 1 to 3 in head, 3 in. across, frilled, Deep Rose Pink, Rose Color blotch. Mid-May. ABCDEF.

**RANGER (PI 141807).** Bush erect rather than spreading, possibly to 5 feet. Leaves small, moderately dark green. Flowers 1 to 3 in head, 2 to  $2\frac{1}{2}$  in. across, double white with a little suggestion of chartreuse. Late April, early May. ABCDEFG.

**RED BIRD (PI 160010).** Plants only semi-evergreen, upright and slow to fill in, but eventually dense to 5 feet. Leaves dark green, obovate. Flowers 2 to 3 in head, heads clustered, 2 to  $2\frac{1}{2}$  in. across, Scarlet Red with blotch made up of dots of Pomegranate Purple which give effect of deep shadow on upper lobe. Mid-April. ABCDEFG.

**RED HUSSAR (PI 160118).** Erect to 5 feet, but with eventual broad tip. Leaves medium green, moderate size. Flowers 2 to 4 in head,  $1\frac{1}{4}$  to  $1\frac{1}{2}$  in. across, freely produced, Rose Color with very few dots in blotch area, filaments red and base of tube salmon red; showy. Mid-April. ABCDEFG.

**RED ROBE (PI 160038).** Vigorous, upright growth to 5 feet. Leaves medium green. Flowers usually 2 to 3 in head,  $2\frac{3}{4}$  in. across, very brilliant in effect, Nopal Red with large blotch made up of small dots of Tyrian Rose that give a brownish tone to the Nopal Red. Late April. ABCDEFG.

**REFRAIN (PI 163762).** Bush habit, tall rather than spreading, up to 7 feet, but eventually well filled out. Leaves medium green. Flowers 1 to 3 in head, often grouped, freely produced,  $1\frac{3}{4}$  to 2 in. across, hose-in-hose, margins pure white, ground color white, suffused with Rosolane Pink, a few Rose Color stripes, dots in blotch, conspicuous, Tyrian Rose. Dots also on petaloid calyx. Early to mid-April. ABCDEFG.

**REFULGENCE (PI 160096).** As compared to most, rather dwarf, twiggy habit, with heavy, dark green, "macrantha" type foliage. Flowers 1 to 2 in head,  $1\frac{1}{2}$  to  $1\frac{3}{4}$  in. across, Rose Color (brighter in effect) with blotch of Tyrian Rose that appears like deep shading in corolla, faint yellow tinge at base of corolla. Mid- to late April. ABCDEF.

**REGINA (PI 163925).** Spreading habit to 4 feet. Leaves dark green. Flowers 1 to 2 in head, freely produced,  $2\frac{3}{4}$  in. across, broad rounded lobes, Deep Rose Pink, with small blotch almost like a stain of Tyrian Rose. Mid- to late May. ABCDEFGIJ.

**REMEMBRANCE (PI 141909).** Erect to broad spreading to 5 feet. Leaves narrow, dark green. Flowers usually 1 to 3 in head, very freely produced, violet rose with a blotch made up of tiny Rose Red dots that provide sharp contrast. Early May. ABCDEFG.

**REQUIEM (PI 163945).** Bush habit dense and twiggy, but probably will not reach 4 feet in height. Leaves medium green. Flowers 1 to 3 in head, freely produced, 2 in. across, white, chartreuse blotch, very rare magenta stripes. Early to mid-May. ABCDEF.

**REVERY (PI 141902).** Erect to broad spreading to 4 feet. Leaves medium green. Flowers 1 to 2 in head, freely produced, 2 to  $2\frac{1}{2}$  in. across, Pale Rose Color. Late April with some intermittent flowering in mid-May. ABCDEFGI.

**RHAPSODY (PI 163805).** Bush habit rather broad spreading, but probably not over 4 feet. Leaves dark green. Flowers 1 to 3 in head, 3 in. across, frilled, Rose Pink with Rose Red blotch; a very brilliant flower. Mid-May. ABCDEFG.

**RISING SUN (PI 160133).** Erect to somewhat spreading habit to 6 feet. Medium green leaves. Flowers usually 2 to 3 in head, 3 to  $3\frac{1}{2}$  in. across, well rounded, slightly deeper than Mallow Pink and darker towards the margins; the blotch is made up of many fine dots but is not showy. Mid- to late April. ABCDEF.

**ROBINHOOD (PI 160086).** Vigorous, rather upright-growing bush to 5 feet. Leaves semi-evergreen in this climate. Flowers usually 2 to 3 in head,  $3\frac{1}{2}$  to 4 in. across, deep rose red (Ridgway, Tyrian Purple) with heavy dotting of small points to make blotch; pistil and filaments scarlet. Mid-April. ABCDEFGIJ.

**ROGUE (PI 163808).** Bush habit rather broad spreading, but probably not over 5 feet. Leaves medium green. Flowers 1 to 3 in head, 3 in. across, heavy substance, white, Chartreuse blotch, with a very few fine Mallow Purple flakes. Mid-May. ABCDEFG.

**ROSALIE (PI 163919).** Spreading habit to 4 feet. Leaves dark green. Flowers usually 1 to 2 in head, freely produced, 3 in. across, broad lobes, Lizarlan Pink washed over with Rose Doree, blotch of A-shaped dots of Tyrian Rose; much more brilliant than terms suggest. Mid- to late May. ABCDEFGIJ.

**ROSE ASH (PI 163939).** Erect to spreading habit, rather open while young, to 4 feet. Narrow, dark green foliage. Flowers usually 2 to 3 in head,  $2\frac{1}{2}$  to 3 in. across, Geranium Pink passing almost to Rose Doree. Numerous dots of Rose Red make up the not very conspicuous blotch. Occasional extra lobe in corolla. Late May, early June. ABCDEFG.

**ROSELIGHT (PI 182861).** Bush spreading rather than tall, but probably up to 5 feet. Leaves large, medium green, somewhat pubescent. Flowers 1 to 2 in head, freely produced, 2 to  $2\frac{3}{4}$  in. across, clear pink. Mid-April. ABCDE.

**ROSETTE (PI 160135).** Vigorous upright bush to 5 feet. Leaves a little more than semi-evergreen. Flowers large, 3½ to 4 in. across, double, sometimes semi-double with petaloid stamens, 1 to 3 in head, Light Rosolane Purple with a not showy blotch area of small Tyrian Rose dots. Mid-April to early May. ABCDEFGIJ.

**ROUNDELAY (PI 163767).** Bush habit tends to be low, broad spreading, probably to not over 3 feet. Leaves dark green. Flowers 2 to 3 in head, 2½ to 3 in. across, pure white with few stripes of Phlox Purple; differs from Antique chiefly in habit. Mid- to late May. ABCDEFG.

**SAFRANO (PI 163850).** Bush habit rather broad-opening-spreading, but probably not much over 5 feet. Leaves medium green. Flowers 1 to 3 in head, 3½ in. across, pure white with little touch of chartreuse on upper lobe. Mid-May. ABCDEF.

**SAGA (PI 163793).** Bush habit rather broad spreading, but probably never over 3 feet. Leaves dark green. Flowers 1 to 3 in head, 3 in. across, frilled, Amaranth Pink, with showy Tyrian Rose blotch. Mid- to late May and early June. ABCDE.

**SAGITTARIUS (PI 163905).** Broad spreading growth, dense and well branched, but probably not over two feet. Leaves very dark green, almost as fine as on boxwood. Flowers usually 1 to 2 in head, freely produced, 3 in. or more across with broad lobes and slightly waved margins. Fine pink with salmon undertone and white at base of tube; more brilliant than is suggested by the Ridgway color that lies between La France Pink and Geranium Pink; dots in blotch very distinct, Tyrian Rose. Late May, early June. ABCDEF.

**SAMBO (PI 163873).** Bush habit dense and twiggy, but probably making up to 5 feet in time. Leaves dark green. Flowers 2 to 4 in head, 2 in. across, Pomegranate Purple to Bordeaux (a brownish red). Mid-May. ABCD.

**SAMITE (PI 141791).** Vigorous, upright, rather open habit to 7 feet. Leaves medium green. Flowers usually 2 to 4 in head, but heads often clustered. Flowers 2 in. across, irregularly hose-in-hose, pure white. Early April before most whites. ABCDEFGIJ.

**SAMSON (PI 163926).** Spreading habit to 4 feet. Leaves dark green. Flowers 1 to 2 in head, freely produced, 3 in. across, broad lobes, Rose Color with stain of Tyrian Rose in the blotch area; a faint yellow undertone enlivens all. Mid- to late May. ABCDEFG.

**SAPPHO (PI 160042).** Vigorous, upright growth with somewhat spreading crown to 6 feet. Leaves medium green. Flowers usually 3 to 5 in head, 2 to 2½ in. across, between Rhodamine Purple and Tyrian Rose, with blotch of Pansy Purple. Late April. ABCDEF.

**SARABANDE (PI 163789).** Bush habit rather broad spreading, but probably not over 5 feet. Leaves medium green. Flowers 1 to 3 in head, 2½ to 3 in. across, white center with edges of Light Phlox Purple. Mid- to late May. ABCDEF.

**SATRAP (PI 201898).** Exactly like Cinderella except that it is lightly striped, giving a typical peppermint stick effect. Both numbers may give branch sports of brilliant solid red. ABCDEF.

**SATIN ROBE (PI 141786).** Erect to finally over-arching to 5 feet. Leaves narrow, dark green. Flowers usually 2 to 4 in head, 2½ in. across, hose-in-hose, between La France Pink and Geranium Pink, with heavy blotch of Tyrian Rose that is repeated on the petaloid calyx. Late April, early May. ABCDEF.

**SATYR (PI 163809).** Bush habit rather broad spreading, but probably not over 5 feet. Leaves medium green. Flowers 1 to 3 in head, 3 in. across, a very good white with Mallow Purple flakes and an almost yellow blotch. Mid-May. ABCDEF.

**SCHERZO (PI 163770).** Bush habit tends to be broad spreading, but probably not over 5 feet. Leaves dark green. Flowers 2 to 3 in head, 2½ to 3 in. across, white with Hortense Violet stripes. Occasional branch sport with pale violet center and darker margin. Mid- to late May. ABCDEF.

**SCHOLAR (PI 163782).** Bush habit broad spreading, but probably never over 5 feet. Leaves dark green. Flowers 1 to 3 in head, 2½ to 3 in. across, white with conspicuous green blotch on upper lobe and very few lavender stripes. Mid- to late May. ABCDEF.

**SCOUT (PI 163938).** Bush habit broader than tall, but probably up to 5 feet. Leaves medium to dark green. Flowers usually 1 to 2 in head, freely produced, 2 in. across, Pale Rose Pink. Late April. ABCDE.

**SEAFOAM (PI 163837).** Bush habit rather broad but low growing, possibly not over 3 feet in height. Leaves medium green. Flowers 1 to 3 in head, 3 in. across, white, frilled, chartreuse yellow in throat. Mid-May. ABCDEFG.

**SEASHELL (PI 163915).** Spreading habit with ascending branches to 4 feet. Leaves dark green. Flowers 1 to 2 in head, freely produced, 3 in. across, Deep Rose Pink, almost white at base of tube, blotch not showy. Mid- to late May. ABCDEFG.

**SEBASTIAN (PI 160044).** Vigorous, upright to somewhat open growth to 7 feet. Leaves medium green. Flowers usually 2 to 3 in head, but heads often grouped close together, hose-in-hose, Rose Color with inconspicuous blotch of Tyrian Rose. Early April. ABCDEF.

**SENECA (PI 160067).** Habit very erect with ascending branches to 6 feet. Leaves rather heavy, medium green, persistent. Flowers 2 to 3 in head, 3 to 3½ in. across, fine form with wide open face, Mallow Purple with showy blotch made up of clearly defined A-shaped marks between Rose Red and Pomegranate Purple, base of corolla white. Mid- to late April. ABCDEF.

**SENTINEL (PI 160142).** Spreading rather than erect, but up to 7 feet. Leaves medium green, somewhat pubescent. Flowers usually 3 to 4 in head, 2¾ in. across, margins of the imbricated lobes sinuate, Amaranth Pink with Tyrian Rose, blotch not conspicuous, made up of fine dots, slightly darker than petals. Late April, early May. ABCDEFG.

**SERENADE (PI 160027).** Erect to eventually over-arching growth to 6 feet. Leaves dark green, small. Flowers usually 2 to 3 in head, 1¼ to 2 in. across, irregularly hose-in-hose, Old Rose of Ridgway, but garden effect is fine salmon pink, conspicuous blotch of Tyrian Rose on three upper lobes. Late April, early May. ABCDEF.

**SERENITY (PI 182879).** Bush spreading rather than tall but up to 5 feet. Leaves large, medium green, somewhat pubescent. Flowers 1 to 2 in head, freely produced, 2 to 2¾ in. across, rose pink. Mid-April. ABCDE.

**SHANNON (PI 163892).** Bush upright to spreading, probably not over 5 feet. Leaves medium green. Flowers 1 to 3 in head, 2½ in. across, pale rose pink. Mid-April. ABCDE.

**SHEILA (PI 160140).** Erect with ascending branches, eventually forming a broad crown to 6 or 7 feet. Leaves medium green, not conspicuously hairy. Flowers 2 to 4 in head, 3 to 3½ in. across, abundantly produced, palest at center but deepening toward margins, nearest Amaranth Purple in center, almost to Tyrian Pink in margins; blotch not conspicuous. Late April. ABCDEF.

**SHIMMER (PI 163964).** Bush habit broad spreading, but probably to 5 feet in height. Leaves medium green. Flowers 1 to 3 in head, 2 in. across, white, sanded, flaked, striped Rose Color. Mid-May. ABCDEF.

**SIGNAL (PI 160056).** Upright to eventually over-arching growth to 5 feet. Fine dark green leaves. Flowers usually 2 to 3 in head, 2 to 2¼ in. across, somewhat starry, Rose Color with conspicuous Tyrian Rose blotch; most effective when the plant matures. Mid- to late April. ABCDEF.

**SILVER CUP (PI 163773).** Bush broad spreading but probably not over 5 feet. Leaves dark green. Flowers 1 to 3 in head, 2¾ to 3¼ in. across, like a superb *mucronatum* with a few flakes of Light Amparo Purple. Mid- to late May. ABCDEF.

**SILVER LACE (PI 163788).** Bush habit broad spreading, but probably not over 5 feet. Leaves dark green. Flowers 1 to 3 in head, 2¾ to 3 in. across, a fine large white, green blotch, and very few True Purple stripes. Mid- to late May. ABCDEFG.

**SILVER MOON (PI 163845).** Bush habit rather broad spreading, but not much over 5 feet tall. Leaves medium green. Flowers 1 to 3 in head, 3 in. across, white, frilled margins, chartreuse blotch. Mid-May. ABCDEF.

**SIMPLICITY (PI 160059).** Erect to wide-spreading bush to 7 feet. Leaves medium green, somewhat hairy. Flowers usually 3 to 5 in head, 2½ to 3 in. across, Mauvette washed Lilac, almost no blotch. Mid-April. ABCDEF.

**SLIGO (PI 163894).** Bush rather erect, eventually up to about 7 feet. Foliage rather small, medium green. Flowers 1 to 4 in head, heads often grouped, very freely produced, hose-in-hose. 1½ in. across, pale rose. Early to mid-April. ABCDEF.

**SILVER MIST (PI 163883).** Bush habit low and spreading, but probably up to 4 feet. Leaves medium green. Flowers 1 to 3 in head, 2 in. across, white, lightly sanded and flaked, few stripes Pure Magenta. Mid-May. ABCDEF.

**SNOWCLAD (PI 163949).** Bush habit broad and spreading, but may reach up to 5 feet in height. Leaves medium green. Flowers 1 to 3 in head, 3 to 3½ in. across, ruffled margins, white with chartreuse blotch. Mid-May to later. ABCDEFGIJ.

**SNOWSCAPE (PI 163932).** Erect growth with broad spreading top when mature, to 6 feet. Leaves green, rather narrow and pointed. Flowers generally 3 to 5 in head, rather trumpet shaped, 2 in. across, greenish white, no blotch. Late midseason after most whites have passed. End of May. ABCDE.

**SNOW WREATH (PI 163882).** Bush habit rather low and spreading but somewhat like that of *R. mucronatum*. Leaves medium green. Flowers 1 to 3 in head, 3½ in. across, pure white with faint chartreuse blotch. Mid-May. ABCDE.

**SONATA (PI 163947).** Bush habit, broad spreading and perhaps to 5 feet in height. Leaves medium green. Flowers 1 to 3 in head, 2½ in. across, ruffled white, lightly sanded and with a few stripes from Phlox Purple to true Purple. Early to mid-May. ABCDEFGIJ.

**SORCERER (PI 163828).** Bush habit rather broad spreading, very twiggy, but probably not over 4 feet. Leaves dark green. Flowers 1 to 3 in head, 2 in. across, white sanded and striped with Rosolane Purple. Mid-May. ABCDE.

**SOUVENIR (PI 160015).** Erect to finally over-arching growth to 5 feet. Fine dark green foliage. Flowers usually 2 to 4 in head, 1¼ in. across, irregularly hose-in-hose, Eosin Pink with Begonia Rose blotch that gives deeper tone to the salmon pink effect. Late April. ABCDEFG.

**SPANGLES (PI 163858).** Bush dense and twiggy, probably up to 4 feet. Leaves dark green, glossy. Flowers 2 to 4 in head, 3 in. across, white with Light Scarlet flakes. Mid-May. ABCDE.

**SPRITE (PI 163929).** Very vigorous and somewhat spreading habit, up to 5 feet. Leaves medium green and slightly hairy. Flowers usually 2 to 3 in head, 2½ to 3 in. across, somewhat starry, in color Mallow Pink lightly shaded toward margins with Light Mallow Purple. The blotch is made up of fine dots of Tyrian Pink that give a bright tint to flower. Mid-April. ABCDEF.

**STAMPEDE (PI 160129).** Erect and somewhat spreading growth to 5 feet. Leaves small, dark green. Flowers 2 to 3 in head, 2 to 2½ in. across, Rose Doree, dots of Pomegranate Purple in blotch. May. ABCDE.

**STAR DUST (PI 141771).** Broad spreading habit when mature, to 6 feet. Leaves dark green, semi-evergreen. Flowering abundant, 2 to 4 in head, often grouped, 2 to 2¼ in. across, white with very few purple flakes. General garden effect that of a white *Kaempferi*. Mid- to late April. ABCDEFGIJ.

**STERLING (PI 163903).** Broad spreading habit, probably to not over 2 feet. Leaves dark green, shining. Flowers 1 to 2 in head, freely produced, 3 in. or more across, somewhat starry as compared to its fellow Deep Rose Pink, the small blotch made up of fine dots of Tyrian Rose. Late May, early June. ABCDEF.

**STUNNER (PI 163912).** Spreading growth with somewhat ascending branches to 3 feet. Leaves medium green. Flowers usually 1 to 2 in head, 3 in. across, very rounded with broad lobes, flat, carries as a salmon pink, but is Deep Rose Pink of Ridgway with faint yellow undertone; blotch not showy. Late May, early June. ABCDEF.

**SURPRISE (PI 163857).** Bush dense and twiggy, rather upright but possibly may make 3 feet in time. Leaves medium green, dull. Flowers 1 to 3 in head, 2½ to 3 in. across, ground color Eugenia Pink flushed with Nopal Red, margins irregular, white. Mid-May. (Not yet released.)

**SUSANNAH (PI 163846).** Bush habit rather broad spreading, but not much over 5 feet tall. Leaves medium green. Flowers 1 to 3 in head, 2½ in. across, white with broad Mallow Purple edges. Mid-May. ABC.

**SUWANEE (PI 160139).** Erect to somewhat spreading habit to 5 feet. Leaves dark green. Flowers usually 2 to 3 in head, 3 in. across, Rose Pink, dots in blotch area A-shaped, distinct and showy, Tyrian Rose. More brilliant than Revery. Late April. ABCDEFG.

**SWAGGER (PI 163860).** Bush dense and twiggy, but probably up to 4 feet in height. Leaves dark green, glossy. Flowers 2 to 4 in head, 2½ in. across, white sanded and striped with Jasper Red. Mid-May. ABCDEFG.

**SWANSONG (PI 163854).** Bush habit dense and twiggy, rather dwarf, but probably up to 3 feet. Leaves dark green. Flowers 1 to 3 in head, 3½ to 4 in. across, white with yellow blotch. Mid-May. ABCDEF.

**SWASHBUCKLER (PI 160080).** Vigorous, upright to spreading habit to 5 feet. Leaves narrow, dark green. Flowers 2 to 3 in head, 2 to 2¾ in. across, Rose Doree, heavy blotch of Spectrum Red, stamens and pistil red. Early May. ABCDE.

**TAFFETA (PI 163829).** Bush habit rather broad spreading, very twiggy, but probably not over 4 feet. Leaves dark green. Flowers 1 to 3 in head, 2 to 2½ in. across, frilled, white sanded and striped Rosolane Purple. Mid-May. ABCDEFG.

**TALISMAN (PI 163864).** Bush habit very dense and twiggy, but probably making bush to 4 feet. Leaves dark green, glossy. Flowers 2 to 4 in head, very abundant, 2½ in. across, pure white with no blotch, but sanding and stripes of Eugenia Red. Mid-May. ABCDE.

**TANGER (PI 141907).** Erect to broad spreading up to 5 feet. Leaves narrow, dark green. Flowers usually 1 to 3 in head, very freely produced; a brilliant red with dark blotch on upper lobe, much like Picador but later and better. Early May. ABCDEFGIJ.

**TANGO (PI 160064).** Very erect with ascending branches but eventually a fine shrub up to 7 feet. Leaves broadly ovate. Flowers 2 to 3 in head, 3 in. across or more. Striking color pattern; lower part of flower Eosin Pink with salmon shadings; upper three lobes between Deep Rose Pink and Rose Color with heavy blotch made up of A-shaped dots of Pomegranate Purple. Mid-April. ABCDEF.

**TARTAR (PI 182863).** Bush wide spreading but up to 5 feet in time with ascending branches. Leaves rather small, medium green. Flowers 2 to 4 in head, hose-in-hose, heads often clustered, freely produced, 2 in. across, Light Jasper Red, blotch not showy but of Pomegranate Purple dots. ABCDEF.

**TEMPLAR (PI 160130).** Erect to wide spreading, bushy habit, to 6 feet. Leaves narrow to long, semi-deciduous. Flowers usually 2 to 3 in head, 2¾ to 3 in. across, wide spreading, well imbricated, almost white at base of tube, Light Mallow Purple, blotch Rhodamine Purple, but not showy. Mid-April. ABCDE.

**TEMPTATION (PI 182860).** Bush spreading rather than tall, but probably up to 5 feet. Leaves large, medium green, somewhat pubescent. Flowers 1 to 2 in head, freely produced, 2 to 2½ in. across, Amaranth Pink, darker at tips of petals (Tyrian Pink); few Tyrian Rose dots, mostly on upper petals. Mid-April. ABCDE.

**TERESA (PI 163952).** Bush habit rather broad spreading, probably not over 4 feet. Leaves medium dark green. Flowers 2 to 2½ in. across, 2 to 4 in head. Top half of three upper petals Amaranth Pink, bottom half and two lower petals pale Amaranth Pink. All petals flaked and striped light Rosolane Purple with white stripes around margins; heavy blotch of Pomegranate Purple. Mid-May. Available 1955.

**THISBE (PI 160025).** Bush habit, broad and over-arching to 5 feet. Leaves narrow, dark green, glossy. Flowers 2 to 4 in head, often grouped 1 to 1½ in. across, somewhat irregularly hose-in-hose. Geranium Pink with blotch of Begonia Pink. Late April, early May. ABCDEFG.

**TOKAY (PI 160011).** Vigorous, erect growth, eventually filling in, to 8 feet. Leaves medium green. Flowers usually 2 to 3 in head, 2 to 2½ in. across, between Rose Pink and Deep Rose Pink, blotch Rose Color, with brownish overtone. Plant does not make good display until fully mature. Mid-April. ABCDEF.

**TOKEN (PI 163814).** Bush habit very compact and twiggy, probably not over 4 feet. Leaves small, dark green. Flowers 2 to 4 in head, 3 in. across, Eugenia Red, very heavy Amaranth Purple blotch; color sunburns a little if planted in open. Mid-May. ABCDEF.

**TOMBOY (PI 163841).** Bush habit very compact and dense, but gradually building up to perhaps 5 feet. Leaves deep green, glossy. Flowers 1 to 3 in head, abundant, 2 in. across, white, yellow blotch, striped and heavily sanded with Eugenia Red. Mid-May. ABCDE.

**TREASURE (PI 160125).** Vigorous growth more or less like that of *Rhododendron mucronatum* but more spreading and with more and heavier, darker leaves. The flowers are usually 2 to 3 in head, 3½ to 4½ in. across. The developing buds are tinted with pale pink (Cameo Pink) but this fades out as the flower opens, leaving only a suggestion of pink on the margins of the lobes and in the blotch. Should replace *R. mucronatum* (*Azalea indica alba*) in most plantings. Middle to end of April. ABCDEFGIJKL.

**TRILBY (PI 141906).** Broad spreading but somewhat ascending branches to 5 feet. Leaves medium green, somewhat hairy. Flowers usually 1 to 3 in head, freely produced, 2½ to 3 in. across, Amaranth Pink, the blotch of Rose Color dots not very showy. Somewhat like Revery. Late April. ABCDEFGIJ.

**TRINKET (PI 163777).** Bush broad spreading, but probably never over 5 feet. Leaves dark green, rather narrower than most and somewhat shining. Flowers 1 to 3 in head, 2½ to 3 in. across, white with few flakes of Pale Amaranth Pink. Mid- to late May. ABCDE.

**TROPHY (PI 163820).** Bush habit broad spreading, but probably not over 4 feet. Leaves medium green. Flowers 1 to 3 in head, 3 to 3½ in. across, Pale Mallow Pink, the showy blotch made up of clear Tyrian Rose dots. Mid-May. ABCDEFG.

**TROUBADOR (PI 160005).** Vigorous, erect, somewhat open growth to 8 feet, with medium size, light green leaves. Flowers usually 3 in a head, 2 in. across, very well shaped with imbricated lobes, almost pure Rose Doree, with very few dots in the small blotch, Tyrian Rose. Carries as a salmon pink. Mid-April. ABCDEF.

**TROUPER (PI 160121).** Typical Kurume in all details of growth and foliage. Flowers single, 2 to 4 in head, 1¼ to 1½ in. across, practically a Nopal Red self as the few dots of Tyrian Rose in the blotch area are not showy. Early to mid-April. ABCDEF.

**TROUSSEAU (PI 163849).** Bush habit rather broad-open spreading, but probably not much over 4 feet. Leaves medium green. Flowers 1 to 3 in head, 3 in. across, frilled, white with chartreuse blotch, a very few stripes of Spinel Pink. Mid-May. ABCDE.

**TWINKLES (PI 160108).** Bush with rather broad spreading habit to 5 feet. Leaves dark green, rather long and narrow. Flowers 2 to 4 in head, 2 in. across, somewhat starry, Rose Color to a little lighter, slight yellow suffusion at base of tube, blotch small and not showy, made up of dots of Tyrian Rose. Late April. ABCDE.

**UNDINE (PI 160087).** Bush spreading rather than tall, but probably to 5 feet in time. Leaves small, dark green. Flowers 2 to 2½ in. across, 2 to 3 in head, white with small green dots making up the blotch on upper three lobes. Mid-May. Available 1955.

**VALKYRIE (PI 160057).** Somewhat spreading up to 5 feet. Leaves medium to dark green. Flowers usually 2 to 3 in head, 3 in. across, almost self Mallow Purple, slightly deeper at margins. Late April. ABCDEFG.

**VANGUARD (PI 163863).** Bush habit very dense and twiggy, but probably up to 4 feet in height. Leaves dark green, glossy. Flowers 2 to 4 in head, very abundant, 2½ in. across, white, blotch yellow; stripes and sanding of Old Rose. Mid-May. ABCDE.

**VANITY (PI 160030).** Bush erect to eventually over-arching, to 5 feet. Leaves dark green, narrow, shining. Flowers 1 to 2 in head, heads sometimes grouped, single, 1½ to 1¾ in. across, somewhat starry, Deep Rose Pink, the Rose Color blotch not conspicuous. Mid-season, after Kurumes, late April, early May. ABCDEF.

**VELVET (PI 160134).** Very erect habit with ascending branches but eventually a well filled bush to 6 feet. Leaves medium green, narrow, pointed. Flowers rather bell shaped, 2 to 3 in head, sometimes clustered, very brilliant in effect, Begonia Rose with conspicuous blotch of Rose Red, anthers almost black. Late April. ABCDE.

**VESPERS (PI 163848).** Bush habit rather broad spreading, but probably not much higher than 5 feet. Leaves medium green. Flowers 1 to 3 in head, 3 in. across, frilled, white, chartreuse throat; only an occasional flower with Mallow Purple stripes. Mid-May. ABCDEFG.

**VESTAL (PI 163833).** Bush habit, broad or wide spreading but up to 4 feet in time. Leaves dark green. Flowers very freely produced, 1 to 3 in head, 2 to 2½ in. across, white with chartreuse blotch. There is some tendency toward the production of petaloid stamens so the plants must be watched for semi-double or double sports. Mid-May. AGHI.

**VETERAN (PI 163889).** Broad spreading rather than upright. Leaves medium green. Flowers 1 to 3 in head, 2½ to 3 in. across, Light Rosolane Purple, blotch of Mallow Purple dots. Through May. ABCDE.

**VIKING (PI 160128).** Typical broad spreading hybrid of *R. poukhanense* with similar, semi-deciduous foliage. Flowers 2 to 3 in head, freely produced, 2½ to 2¾ in. across, of very beautiful form, broad imbricated lobes, Light Mallow Purple with small blotch of conspicuous dots of Rhodamine Purple. Mid-April. ABCDEF.

**VINTAGE (PI 160072).** Vigorous, rather wide spreading growth to 4 feet. Leaves rather broad, glossy, dark green. Flowers usually 2 to 3 in head, 2 in. across, rounded and well imbricated, Pale Rosolane Purple, no blotch. Late April. ABCDEF.

**VIOLETTA (PI 160079).** Erect to wide spreading to 4 feet. Leaves fine dark green. Flowers usually 2 to 3 in head, 2 to 2¼ in. across, Light Mallow Purple, blotch Rhodamine Purple. Mid-April. ABCDE.

**VISION (PI 160050).** Erect to wide spreading to 8 feet. Leaves medium green, somewhat hairy. Flowers usually 2 to 3 in head, 3 in. across, very brilliant Tyrian Pink, slightly paler in center, few dots in blotch. Mid-April. ABCDE.

**VOLCAN** (PI 160061). Erect with gradually spreading top to 5 feet. Leaves medium yellowish green. Flowers 3 to 4 in head,  $1\frac{1}{2}$  to 2 in. across, between Liseran Purple and Magenta but brighter than that in appearance. Blotch not conspicuous but definite; dots a little brighter than Aster Purple but not as bright as Rhodamine Pink. Mid-season. ABCDEF.

**WANDERER** (PI 16004). Bush spreading rather than tall, to probably 5 feet in time. Leaves small, dark green. Flowers  $2\frac{1}{2}$  in. across, 2 to 3 in head, somewhat starry in outline, deep Rose Pink with heavy blotch of Amaranth Purple dots. Early to Mid-May. Available 1955.

**WARRIOR** (PI 160101). Strong, rather erect, growing to 7 feet. Leaves medium green. Flowers usually 3 to 5 in head, 2 in. across, somewhat "hooded," Mallow Purple; blotch Rose Red covering upper lobe and part of two adjoining lobes gives great warmth. Late April. ABCDE.

**WAVELET** (PI 163951). Bush habit broad and spreading, but may reach up to 5 feet in height. Leaves medium green. Flowers 1 to 3 in head,  $2\frac{1}{2}$  in., but rather more broad shaped than many, white with yellow blotch. For garden effect this is an excellent but much later counterpart of *R. mucronatum*. Mid-May to later. ABCDEFGIJ.

**WELCOME** (PI 163886). Bush habit broad spreading, possibly in time up to 5 feet. Leaves medium green. Flowers 1 to 3 in head,  $2\frac{1}{2}$  to 3 in. across, Mallow Pink shading to Amaranth Pink in center of petals; white in throat of flower on four lower petals, Tyrian Rose dots in blotch. There are occasional sports that show whitish centers. Mid- to late May. ABCDEF.

**WHIMSICAL** (PI 163878). Broad, spreading habit, but perhaps up to 4 feet. Leaves dark green, somewhat rough. Flowers 1 to 3 in head, 2 in. across, white with very little chartreuse in blotch area and flakes of Phlox Purple. Mid- to late May. ABCDEFG.

**WHIRLWIND** (PI 160019). Upright, broad spreading growth to 5 feet. Hose-in-hose, free flowering. Description of color later. Late April. ABCDEF.

**WILDFIRE** (PI 163984). Spreading rather than upright growth, probably to 3 feet. Leaves small, dark green. Flowers 1 to 3 in head, 2 to  $2\frac{1}{2}$  in. across, margins of corolla lobes ruffled, between Rose Doree and Scarlet Red, base of tube almost white, few dots of Tyrian Rose in blotch area. Mid-May. ABCDEF.

**WINEDROP** (PI 163775). Bush broad spreading, but probably never over 5 feet. Leaves dark green. Flowers 1 to 3 in head,  $2\frac{3}{4}$  to 3 in. across, white sanded and striped with Phlox Purple. Mid- to late May. ABCDEF.

**WINNER** (PI 160023). Habit dense, erect and spreading to eventually overarching, to 5 feet. Leaves small, dark green and shining. Flowers 1 to 3 in head,  $1\frac{3}{4}$  to 2 in. across, heads often grouped, freely produced, hose-in-hose, Rose Color, Amaranth Purple dots in blotch. Late April. ABCDEF.

**WISDOM** (PI 163887). Bush habit dense and twiggy, but possibly in time up to 4 feet. Leaves dark green. Flowers 1 to 3 in head, 2 in. across, pure white with chartreuse blotch, brown anthers. Flowers have very heavy substance. Mid- to late May. ABCDEF.

**WITCHERY** (PI 182880). Bush spreading rather than tall but up to 5 feet. Leaves large, medium green, somewhat pubescent. Flowers 1 to 2 in head, freely produced,  $2\frac{1}{2}$  to  $2\frac{3}{4}$  in. across, clear pink. Mid-April. ABCDEF.

**YEOMAN** (PI 163865). Bush habit very dense and twiggy, but probably making bush up to 4 feet. Leaves dark green, glossy. Flowers 2 to 4 in head, very abundant,  $2\frac{1}{2}$  in. across, white, wide chartreuse blotch, stripings almost Eugenia Red. Mid-May. ABCDE.

**YOUTH** (PI 163966). Bush rather like that of an excellent *R. mucronatum*, spreading rather than tall, but up to 5 feet. Leaves medium to dark green, only somewhat pubescent. Flowers 1 to 3 in head, freely produced, 2 in. across, Liseran Purple with very little dotting in the blotch area. Late May. ABCDEFG.

**ZEALOT** (PI 163813). Bush habit compact, erect to 4 feet. Leaves small, dark green. Flowers 2 to 4 in head, very abundant, 2 in. across, Tyrian Pink, heavy Tyrian Rose blotch. Showy. Mid-May. ABCDE.

**ZEPHYR** (PI 163776). Bush broad spreading, but probably never over 5 feet. Leaves dark green. Flowers 1 to 3 in head,  $2\frac{3}{4}$  to 3 in. across, white with a great variation in the number of flakes of Light Mallow Pink, some sanding. Mid- to late May. ABCDEF.

**ZULU** (PI 163935). Typical poukhanense habit to 5 feet, with somewhat similar, less semi-deciduous leaves. Flowers 2 to 3 in head, freely produced, superb form and substance, 3 to  $3\frac{1}{2}$  in. across, Mallow Purple with very showy blotch of distinct dots of purple, between Aster and Amaranth Purple. Late April. ABCDEFG.

## BELTSVILLE AZALEAS

Here is a group of azaleas originated at the Plant Industry Station of the U. S. Department of Agriculture at Beltsville, Md. These are mostly good greenhouse flowering varieties as well as being hardy in colder sections. The descriptions of the named varieties are from descriptions furnished by the U. S. Department of Agriculture.

NOTE: Beltsville Azaleas start flowering in EARLY MAY.

### SIZES AND PRICES OF BELTSVILLE AZALEAS

A—	6 to 10 in. High (Bedded).....	\$1.00
B—	10 to 12 in. High (Bedded).....	1.50
C—	12 to 15 in. High (Bedded).....	2.00
D—	15 to 18 in. (Field).....	3.50
E—	18 to 24 in. (Field).....	5.00
F—	24 to 30 in. (Field).....	7.50
G—	30 to 36 in. (Field).....	10.00

Letters after varieties indicate sizes available.

**ANIMATION** (No. 145). Kaempferi hybrid x Obtusum. Plant erect, moderately branched with long shoots like Kaempferi; foliage semi-persistent, leaves dark green, large. Flowers vivid scarlet when first open, throat very faintly spotted with darker dots,  $1\frac{3}{4}$  in. across, hose-in-hose, petals nearly flat, margins slightly wavy, flowering profusely. ABCDEFG.

**BLUSH** (No. 180). Kaempferi hybrid x Snow. Plant erect, similar in form to Kaempferi; foliage semi-persistent, medium green. Flowers light pink, tinted lavender,  $1\frac{3}{4}$  in. across, throat marked with darker pink dots, hose-in-hose, petals broad, flat, margins rounded. ABCDEFG.

**CAROL** (No. 61). Firefly x Snow. Plant branching freely from base; foliage semi-persistent, leaves medium green. Flowers white, throat unspotted, 1 to  $1\frac{1}{2}$  in. across, hose-in-hose, petals slightly wavy, margins rounded, 3 to 5 flowers per cluster. ABCDEFG.

**CINDY** (No. 205). Kaempferi hybrid x Obtusum. Plant well branched at base, erect; spreading, rounded, compact; foliage semi-persistent, leaves light green. Flowers rose, tinted lavender, throat faintly spotted with red dots,  $1\frac{3}{4}$  in. across, hose-in-hose, front set of petals broad, rear set slightly smaller, 2 to 4 per cluster. ABCDEFG.

**FOAM** (No. 11). Firefly x Snow. Plant low branching; foliage persistent, leaves dark green. Flowers white, unspotted in throat,  $1\frac{3}{4}$  in. across, hose-in-hose, petals medium broad, slightly wavy, 2 to 4 flowers per cluster. ABCDEFG.

**FROSTY** (No. 127). Kaempferi hybrid x Snow. Plant moderately branched; foliage semi-persistent, leaves dark green. Flowers white,  $1\frac{1}{2}$  in. across, hose-in-hose, petals slightly wavy, margins blunt pointed, indented. ABCDEFG.

**GUY YERKES** (No. 135). A hybrid of Kaempferi and Snow. The plants are profusely branched with large dark glossy green leaves. Foliage persistent, flowers hose-in-hose,  $1\frac{3}{4}$  to  $2\frac{1}{4}$  in. in diameter, borne in clusters of 3 to 5, salmon-pink fading to light pink—very attractive at all times. ABC.

**H. H. HUME** (No. 224). A hybrid of Indica Alba and Snow. Plants are moderately branched, erect-spreading with foliage partially persistent. Flowers white, with faintly yellowish throat, hose-in-hose type, 2 in. across, 2 to 5 flowers per cluster, stamens mostly 5. Hardy as far north as New England, and does well in the South. ABC.

**INNOCENCE** (No. 17). Firefly x Snow. Plant branching freely from base, medium spreading, compact; foliage persistent, dark green when mature, flowers white, throat very slightly marked with greenish yellow,  $1\frac{3}{4}$  in. across, hose-in-hose, petals medium broad, edges rounded, flowers produced abundantly. ABCDEFG.

**LARK** (No. 22). Firefly x Snow. Plant branched moderately, spreading; foliage persistent, leaves dark green when mature. Flowers white, throat faintly tinted yellowish green,  $1\frac{1}{2}$  in. across, hose-in-hose, petals medium broad. ABCDEFG.

**LUCIA** (No. 25). Firefly x Snow. Plant erect branching moderately; foliage persistent. Flowers white, throat unspotted,  $1\frac{1}{2}$  in. across, hose-in-hose, petals broad, margin distinctly crimped. ABCDEFG.

**LUCINDA** (No. 203). Kaempferi hybrid x Snow. Plant well branched from base, spreading, rounded, rather compact; foliage semi-persistent, leaves light green. Flowers rose pink,  $1\frac{3}{4}$  in. across, hose-in-hose, petals broad, lighter at base of tube, 5 per cluster. ABCDEFG.

**MAJESTIC PINK** (No. 168). A hybrid of Kaempferi and Snow. Foliage semi-persistent. Flowers hose-in-hose type  $1\frac{3}{4}$  in. across, clear rose pink with throat faintly marked with darker pink dots, petals flat, margins rounded. ABC.

**PINK PROFUSION** (No. 47). A hybrid of Firefly and Snow. Plant usually attains a height of  $1\frac{1}{2}$  times the spread. Leaves dark green. Flowers are hose-in-hose type from 1 to 2 inches across, pink fading to light pink as they mature, few dark pink spots in throat. A profuse bloomer and hardy wherever tried. ABC.

**PLACID** (No. 123). Kaempferi hybrid x Snow. Plants well branched from base, compact, low, shapely; foliage semi-persistent, leaves bright green. Flowers white with slightly greenish tint when first opening,  $1\frac{3}{4}$  in. across, hose-in-hose, petals flat or slightly wavy, margins rounded. ABCDEFG.

**POLAR BEAR** (No. 20). A hybrid of Firefly and Snow. Flowers are hose-in-hose about  $1\frac{3}{4}$  in. across, white with throat slightly tinted yellowish-green. Petals are broad with slight serrations on the margins. Stamens 5, filament and style white. Good for both forcing and outdoor planting. ABC.

**PURPLE GLORY** (No. 193). Kaempferi hybrid x Snow. Plant freely branched, rather erect with long shoots, needing pinching; foliage semi-persistent, medium green. Flowers clear purple lavender, fading to clear lavender, 2 in. across, throat faintly spotted with darker purple, hose-in-hose, petals broad, flat, margins rounded. ABC-DEFG.

**ROSE BANNER** (No. 126). A hybrid of Kaempferi and Snow. Open type growth attaining a spread equal to height. Foliage is almost identical with variety Snow. Flowers are hose-in-hose,  $1\frac{1}{2}$  in. across, rose colored with dark pink spots in throat. It has proved as hardy as its parents. ABC.

**ROSE GLORY** (No. 142). A hybrid of Kaempferi and Snow. The plant forms a spreading bush about as tall as broad. Flowers are hose-in-hose about  $1\frac{1}{2}$  to  $1\frac{3}{4}$  in. across, rose with dark red spots in throat. Hardy in vicinity of Washington. ABC.

**ROXANNE** (No. 150). Kaempferi Hybrid x Snow. Plant erect form of Kaempferi, moderately branched, needing pinching; foliage semi-persistent. Flowers vivid deep pink when first open, fading to salmon pink,  $1\frac{3}{4}$  in. across, throat very faintly spotted with darker dots, hose-in-hose, petals slightly wavy, margins rounded, some with single indentations. ABCDEFG.

**SNOWHITE** (No. 226). A hybrid of Indica Alba and Snow. Spreading habit of growth, being broader than tall. Flowers are hose-in-hose, about 2 inches across, white with throat tinged yellowish-green. Has proved very promising as a forcing variety as well as for outdoor culture. ABC.

**TWILIGHT** (No. 48). Firefly x Obtusum. Plant low, compact, branching freely from base; foliage persistent, leaves dark green, bronzing at tip in cold weather. Flowers shell pink, throat spotted with dark pink dots,  $1\frac{1}{2}$  in. across, hose-in-hose, petals broad and flat, margins rounded. ABCDEFG.

**WHITE BANNER** (No. 136). A hybrid of Kaempferi and Snow. Low spreading growth often being only half as tall as broad. Foliage very similar to Snow, but larger. Flowers are hose-in-hose about 1 to  $1\frac{1}{4}$  in. across, white with yellowish tinge in throat. ABC.

**WHITE CLOUD** (No. 121). Kaempferi x Snow. Plant erect, fairly well branched; foliage semi-persistent, leaves medium green. Flowers clear pink tinted lavender, throat very faintly spotted with darker dots,  $1\frac{1}{2}$  in. across, hose-in-hose, petals flat or slightly wavy, margins rounded. ABCDEFG.

**WHITE CLUSTER** (No. 30). Firefly x Snow. Plant erect, branching low; foliage persistent, leaves dark green, glossy. Flowers white, throat unmarked,  $1\frac{1}{4}$  in. across, hose-in-hose, petals slightly wavy, flowers borne in distinctive clusters resembling those of rhododendron. ABCDEFG.

**WHITE HABIT** (No. 125). Kaempferi hybrid x Snow. Plant erect, sparsely branched while young; foliage semi-persistent, leaves dark green, slightly curled in winter. Flowers white, throat unmarked,  $1\frac{3}{4}$  in. across, hose-in-hose, petals nearly flat, margins rounded, flowers opening after foliage begins growth. ABCDEFG.

**WHITE MOUNTAIN** (No. 200). Kaempferi hybrid x Snow. Plants erect, spreading, moderately branched; foliage semi-persistent, leaves dark green, slightly rolled. Flowers vivid carmine pink, throat marked with darker dots, 2 in. across, hose-in-hose, petals broad, flat. ABCDEFG.

**WHITE PERFECTION** (No. 221). A hybrid of Indica Alba and Snow. Plant is moderately branched, erect-spreading with persistent foliage. Flowers are hose-in-hose, about 2½ in. across, white with throat faintly tinged yellowish green. Moderately floriferous. ABC.

**WHITE SQUALL** (No. 128). Kaempferi hybrid x Snow. Plant compact, low branching; leaves dark green. Flowers white, throat faintly spotted, 1½ to 1¾ in. across, petals broad, nearly flat when open. ABCDEFG.

### GABLE'S HARDIER AZALEAS

Gable's Azalea's are known for their beauty and hardiness and our experience with them over many years prompts us to give them the highest recommendation for any one and all of them.

**BOUDOIR.** Large flowers, watermelon-pink. May. 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**CAMEO.** Soft pink, double flowers. Quite attractive. May. 6 to 10 in. \$1.50, 10 to 12 in. \$2.50, 12 to 15 in. \$3.50.

**CAROLINE GABLE.** Radiant-pink. Free flowering. May. 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**CAMEROON.** Dark pink to red. Very hardy. May. 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**CHEROKEE.** Scarlet flowers. Strong grower. May. 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**CHINOOK.** Large, salmon-red. May. 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**CORSAGE.** Orchid, large flowers. Very strong grower. May. 12 to 15 in. \$3.00.

**ELIZABETH GABLE** (21G). 5 ft. One of the best evergreen azaleas. Late, rose-pink flowers. 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**FUCHSIA** (F4G). Lavender, spotted red; hose-in-hose. 6 to 10 in. \$1.50.

**GABLE'S SCARLET** (C4G). A brilliant orange scarlet hose-in-hose with "ruffled" florets. Hardy and a dependable bloomer. 4 to 6 in. \$1.50.

**GRENADIER.** Scarlet to deep rose. May. 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**JAMES GABLE** (F1G). A blood red, hose-in-hose. More vivid in color than Hinodegiri. 6 to 10 in. \$1.50, 10 to 12 in. \$2.50.

**LORNA** (C8G). Silvery bright pink flowers that are double. 6 to 10 in. \$1.50, 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**LOUISE GABLE.** Soft salmon-pink flowers, double. May. 6 to 10 in. \$1.50, 10 to 12 in. \$2.00, 12 to 15 in. \$3.00, 18 to 24 in. \$6.00, 24 to 30 in. \$8.00.

**MARYANN** (38G). Large rich pink flowers, double. Late May. 6 to 10 in. \$1.50, 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**MARY DALTON.** Salmon-red. Free flowering. May. 3 in. pot plants. 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**MARY FRANCIS HAWKINS** (C3G). Large pink flowers with yellowish suffusion. May. 6 to 10 in. \$1.50, 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**MILDRED MAE.** Lavender with red spots. May. 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**MIRIAM.** Early flowering, bright pink. Early May. 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**PURPLE SPLENDOR** (C1G). Hose-in-hose, purple-red fringed flowers. Hardy and dependable. Free flowering. Purples are the vogue now and Purple Splendor ranks very high with the best. 10 to 12 in. \$2.00, 12 to 15 in. \$3.00, 18 to 24 in. \$6.00, 24 to 30 in. \$8.00.

**ROSE BUD.** Well named. Small double flowers resemble miniature roses. Color pearl-pink. May. 6 to 10 in. \$1.50, 10 to 12 in. \$2.50, 12 to 15 in. \$3.50.

**ROSE GREELY** (D3G). Hardy white. Pure except for very faint trace of yellow in the throat, are of good size and substance and the plant of good compact, branching habit. 6 to 10 in. \$1.50, 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**ROYALTY.** Bright purple, flowers double. May. 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**C2G.** Pure clear pink flowers of good size. 6 to 10 in. \$1.50, 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**C3G.** Large pink flowers with yellowish suffusion. 6 to 10 in. \$1.50, 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**C5G.** Double flowers, a good clear pink. Resembling small roses. 6 to 10 in. \$1.50, 10 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**B7G.**

**F3G.** Hose-in-hose, very dark red. 6 to 10 in. \$1.50.

**J11G.** Single flowers. Bright red in mid- to late May. 6 to 10 in. \$1.50.

**K10G.** Very brilliant red. 6 to 10 in. \$1.50.

**CHISOLM-MERRITT AZALEAS**

Flowering Season—May 1st to 15th

**AVAILABLE SIZES AND PRICES**

A—6 to 10 in. Bedded.....	\$1.00
B—10 to 12 in. Bedded.....	1.50
C—12 to 15 in. Bedded.....	2.00
D—15 to 18 in. B&B.....	3.50
E—18 to 24 in. B&B.....	5.00
F—24 to 30 in. B&B.....	7.50
G—30 to 36 in. B&B.....	10.00

**ALASKA**—Coppery pink; hose-in-hose.**ASIA**—Rose pink; hose-in-hose.**BEGONIA ROSE**—Begonia pink; hose-in-hose.**CANTON**—Flesh pink, edged deeper pink; hose-in-hose.**CHARMAR**—Porcelain rose to coral; hose-in-hose.**CHARLOTTE WISE**—Rose pink to salmon; hose-in-hose.**CHEVY CHASE**—Bright pink; hose-in-hose.**COLORADO**—Light salmon pink; hose-in-hose.**CORAL SEA**—Light coral pink; hose-in-hose.**CORAL CLUSTER**—Pale coral to peach; hose-in-hose.**DESSA MERRITT**—Orange red; hose-in-hose.**DOROTHY**—Hinomayo pink-flushed salmon; hose-in-hose.**EAGLE HEART**—Deep old rose, large flowers; hose-in-hose.**E. H. WILSON**—Orange-red to deep rose; hose-in-hose.**ELEANOR**—Violet red; hose-in-hose.**ENCHANTRESS**—Fine medium shade of pink; hose-in-hose.**EVENING STAR**—Light coppery pink; hose-in-hose.**FASCINATION**—Rich coral to light pink; hose-in-hose.**HENRY WALLACE**—Fine pink with darker funnel; hose-in-hose.**ISABELLA CHISOLM**—Deep coppery red; hose-in-hose.**JESSICA**—Light jasper red; hose-in-hose.**JEWELL**—Light coppery red; hose-in-hose.**KISKA**—Violet red, with darker blotch; hose-in-hose.**LIZETTE**—Light pink; hose-in-hose.**MICKEY CHISOLM**—Orange red-shaded salmon. Single; hose-in-hose.**MILLICENT**—Light coppery pink; hose-in-hose.**OHIO**—Deep rich pink; hose-in-hose.**PRINCESS**—Bright rich salmon pink; hose-in-hose.**PRINTEMPTS**—Rich peach pink; hose-in-hose.**ROUGE CORAILE**—Light coppery rose; hose-in-hose.**SEMINOLE**—Rich salmon pink; hose-in-hose.**SUN GIRL**—Salmon pink; hose-in-hose.**SUZANNE**—Coppery red to tangerine; hose-in-hose.**VIRGINIA MERRITT**—Deep pink to violet; hose-in-hose.**CHUGAI HYBRID AZALEAS**

A new group from the Chugai Nursery Co. near Osaka, Japan. These are late flowering. Flowers are usually variegated, white or pink ground with red, lilac or purple stripes, white base with colored margin, or purple with white variegation and edge.

**BUNKWA (PI 127654).** Pale lilac-pink, large flowers. Soft and pleasing. Late June. 12 to 15 in. \$3.00, 15 to 18 in. \$4.00, 18 to 24 in. \$6.00.

**CHICHIBU (PI 127655).** White with purple variegation. 6 to 10 in. \$1.00.

**EIKWAN (PI 127657).** White with reddish purple variegations. 6 to 10 in. \$1.00.

**EITEN (PI 127658).** White with purple variegation and sandy blotch, white margin, large flowers. 6 to 10 in. \$1.00, 24 to 30 in. \$12.50.

**FUJI-NO-KOSHI (PI 127659).** Violet-purple variegation on white. Large. June. 6 to 10 in. \$1.00.

**FUKUROKUJU (PI 127662).** White with deep carmine variegations. 6 to 10 in. \$1.00.

**GUNBI (PI 127664).** White with rose madder spots. Often tipped same. June. 6 to 8 in. \$1.50.

**GUNREI (PI 127665).** Ruffled, flushed rose madder, often striped same. June. 6 to 8 in. \$1.50.

**GUNSEI (PI 127666).** Pure white with pale yellowish white and deep purple variegations. 6 to 10 in. \$1.00.

- GYOKUSHIN (PI 127668).** White with tyrian-rose spots, often lighter striped. 6 to 10 in. \$1.00, 12 to 15 in. \$3.00, 15 to 18 in. \$5.00.
- HATSU-GASUMI (PI 127670).** Light lilac with white center. 6 to 10 in. \$1.00.
- HAZUMA-NO-HANA (PI 127653).** White with vermillion red variegations. 6 to 10 in. \$1.00.
- HEIWA-NO-HIKARI (PI 127671).** Flesh pink with white base. Large flowers. 6 to 10 in. \$1.00.
- HOW-RAKU (PI 127672).** Large flowers, white with chartreuse blotch and often tyrian-rose broad stripes. June. 6 to 10 in. \$1.00, 15 to 18 in. \$4.00, 18 to 24 in. \$6.00, 24 to 30 in. \$8.00.
- HOW-ZAN (PI 127673).** White with scarlet variegation. 4 and 5 in. flowers. June. (Sold out.)
- JINDAI (PI 127674).** Large 4 in. flowers, white with chartreuse throat. June. 6 to 10 in. \$1.00, 15 to 18 in. \$5.00.
- JOH-GA (PI 127675).** White with salmon and scarlet variegation or spots. 15 to 18 in. \$5.00, 18 to 24 in. \$7.50.
- KAGETSU (PI 127676).** White with clear purple variegation and clear white base, or purple with white base. June. 6 to 10 in. \$1.00.
- KAIGETSU (PI 127677).** Pure white with clear eupatorium-purple margin. Handsome and one of the best. June. 6 to 10 in. \$1.00.
- KEISETSU (PI 127678).** Scarlet with clear white bottom. Variegated leaves. June. 6 to 10 in. \$1.00.
- KIKAKU (PI 131295).** White with purple variegations. 6 to 10 in. \$1.00.
- KINGETSU (PI 131296).** White with salmon-red blotch or variegation and often salmon-red with white variegation. One of the best of this group. Flowers freely. June. 6 to 10 in. \$1.00, 10 to 12 in. \$2.00, 12 to 15 in. \$3.50, 15 to 18 in. \$5.00.
- KONGO (PI 131297).** White with purple variegation or purple margin. 6 to 10 in. \$1.00.
- KOWKOKU (PI 131299).** White with salmon variegations. 6 to 10 in. \$1.00.
- KWAHOW (PI 131300).** Snow white with purple splash. 6 to 10 in. \$1.00.
- MAI-HIME (PI 131301).** Tyrian-rose with darker spots, often white and tyrian variegation. 12 to 15 in. \$3.00, 15 to 18 in. \$4.00, 18 to 24 in. \$6.00, 24 to 30 in. \$8.00.
- MYOGI (PI 131303).** White with purple brush. 6 to 10 in. \$1.00.
- OTOME (PI 131304).** Light pink with purple or white variegations. 6 to 10 in. \$1.00.
- ROW-GETSU (PI 131307).** Clear rose with white at base. Flowers large. June. 6 to 10 in. \$1.00, 12 to 15 in. \$3.50, 15 to 18 in. \$5.00.
- SAKUKA-YAMA (PI 131300).** Cherry-pink with salmon-scarlet. June. 6 to 10 in. \$1.00.
- SEIGETSU (PI 131309).** Dwarf, small leaf, white with crimson. June. 6 to 10 in. \$1.00.
- SHIN-UN (PI 131311).** White with deep scarlet and reddish-purple variegation or purple with white margin. 6 to 10 in. \$1.00.
- SHINNYO-NO-TSUKI (PI 131312).** Darkest reddish-crimson collar with clear white base. One of the handsomest. June. 6 to 10 in. \$1.50, 10 to 12 in. \$2.00, 12 to 15 in. \$3.50, 15 to 18 in. \$5.00, 18 to 24 in. \$7.50, 24 to 30 in. \$10.00.
- SHUM-POW (PI 131314).** Snow white with purple splash, margin white. 6 to 10 in. \$1.00.
- SHUN-REI (PI 131315).** White with scarlet variegations. 6 to 10 in. \$1.00.
- SOW HOW (PI 131316).** Snow white with scarlet variegations. Sometimes scarlet with white margin. 6 to 10 in. \$1.00.
- SHIKUN-OW (PI 131317).** Deep ebony-purple, double at center. Large. June. 5 to 8 in. \$1.00, 8 to 10 in. \$2.00, 12 to 15 in. \$3.00, 15 to 18 in. \$5.00.
- TAMA-GIKU (PI 131319).** Beautiful purple. A rare color and unique. June. 6 to 10 in. \$1.00, 10 to 12 in. \$2.00, 12 to 15 in. \$3.50, 15 to 18 in. \$5.00.
- TAMA-SUGATA (PI 131320).** Salmon margin with white base. Very lovely. June. 6 to 10 in. \$1.00, 12 to 15 in. \$3.00, 15 to 18 in. \$4.00.

Some of the preceding Japanese azaleas are tender and have given us trouble while small. We do believe that most of them can be successfully grown if winter protection is given. They are certainly rare and worth while and some have flowered very well with no protection at all over winter. Give them shelter and you will have a rare display of flowers in June.

## UNCLASSIFIED AZALEAS

The following group, many of which were introduced into America through the U.S.D.A., are the lesser known varieties and belong in several groups. However, we are simply listing them all in this group.

**AZUMA-KAGAMI.** Hose-in-hose. Flowers violet pink. May. 6 to 10 in. \$1.00, 18 to 24 in. \$5.00.

**BALSAMINEAFLORUM.** Very low grower, flowering in late May, early June. Flowers extremely double, orange-red. Small plants \$2.00.

**BENI KIRISHIMA.** Handsome double flowers of orange-shade pink. Opening in Mid-June. Compact grower. Usually as wide as tall. Very unusual. 15 to 18 in. \$4.00, 18 to 24 in. \$6.00, 34 to 38 in. specimens \$22.50.

**CALYGINUM (Pulchrum).** Spreading, tall grower, flowering early mid-season. 3½ in. Mallow Purple. 24 to 30 in. \$6.00.

**CARMINATA SPLENDEN.** Almost an exact duplicate of the well-known Hinodegiri. The flowers, however, do hold the true bright red color almost until they are finished flowering. 18 to 24 in. \$6.00, 24 to 30 in. \$8.00, 30 to 36 in. \$10.00, 36 to 42 in. \$15.00.

**GIBIYAMA (No. 77091).** Pale Amparo-purple and phlox purple. Five-lobed. Starry Kurume. Bedded 10 to 12 in. \$1.50, 12 to 15 in. \$2.00, 36 to 42 in. spread specimens \$20.00, 48 to 60 in. spread specimens \$40.00.

**GUMPO.** Grows very compact, about 8 in. tall, spreading habit. Pure white flowers usually 4 to 5 inches across, with frilled edges. Bedded 7 to 10 in. spread \$1.50.

**HATSUNAMI.** Rose color with blotch. 6 to 10 in. \$1.00, 18 to 24 in. \$5.00.

**HATSUSHIMO (No. 77138).** Large flowering, white and deep pink variation. Very showy. Bedded 10 to 12 in. \$1.50, 12 to 15 in. \$2.00, 15 to 18 in. \$2.50, 18 to 24 in. \$5.00, 24 to 30 in. \$8.00, 30 to 36 in. \$10.00.

**HAKATASHIRO (PI).** Single white flowers 2 in. wide, low grower, late. 8 to 10 in. \$2.00.

**HINOHAKAMA.** Flowers semi-double 1½ in., rose opal.

**HIME-KAGAMI.** Hose-in-hose. White with few pink stripes. 6 to 10 in. \$1.00, 18 to 24 in. \$5.00.

**HOODEN.** Fragrant. Large flowers, pink and white. Needs some protection but worth it. 10 to 12 in. \$1.50, 15 to 18 in. \$3.50.

**IZAYOI.** Flowers single 3 in. Pleasing flesh pink. 6 to 10 in. \$1.00, 18 to 24 in. \$5.00.

**KAGARIBE.** Very bright orange-red, bloomer and quite showy. Strong growers. Bedded 6 to 10 in. \$1.00, 10 to 12 in. \$1.50, 12 to 15 in. \$2.00, 36 to 42 in. \$15.00, 42 to 48 in. \$17.50, 48 to 52 in. \$20.00.

**KOCHO-NO-MAI.** Late June. Large flowers, dark pink, low grower.

**KOGASANE.** Single, hose-in-hose. Deep rose pink. 6 to 10 in. \$1.00, 18 to 24 in. \$5.00.

**KORAINI (PI 77137).** Rose blotched dark red. Good grower. May. 18 to 24 in. \$6.00, 24 to 30 in. \$8.00, 30 to 36 in. \$10.00.

**KOROMO-SHIKIBU.** Early mid-season. Flowers single. Petals are narrow and straplike and widely separated. Distinctive, does not have appearance of an azalea flower. 2½ in. Mallow Purple. 6 to 10 in. \$1.00, 18 to 24 in. \$5.00.

**KINTAIYO.** Single, hose-in-hose, white edged bright orange. 6 to 10 in. \$1.00.

**KUMOI.** Single, hose-in-hose, frilled carmine with paler throat. 6 to 10 in. \$1.00, 18 to 24 in. \$5.00.

**KYU-MIYAGIMO.** Single, hose-in-hose, deep rose pink. 6 to 10 in. \$1.00, 18 to 24 in. \$5.00.

**LACINIATUM (Kin-no-zai).** Medium height. Five slashed or narrow straplike petals widely separated. Orange-red, with darker blotch. Small plants available only.

**LINEARIFOLIUM (PI 156145).** car. macrosepalum. Specie, very unusual flowers, which are lilac-pink, leaves wooly and sticky. May. 12 to 15 in. \$1.50, 15 to 18 in. \$2.50.

**LEDIFOLIA ROSEA HYBRIDA.** Very handsome deep bright pink flowers 1½ in. wide. May. Bedded 12 to 15 in. \$2.00, 15 to 18 in. \$3.00, 18 to 24 in. \$5.00, 24 to 30 in. \$8.00.

**MACRANTHA (PI 78382).** Single. Bright orange. Low grower. Late June. 15 to 18 in. \$4.00, 24 to 30 in. \$8.00.

**MACROSTEMON (No. 77690).** A low half-evergreen Japanese shrub with pubescent elliptic-oblong leaves half an inch long and salmon-red flowers an inch across having stamens twice as long as the corolla.

**MAXWELLII (Pulchrum).** Late flowering. Large, bright rose-red flowers in June.

- MAXWELLI-ALBA.** Probably a form of mucronatum. Early mid-season. Flowers single  $2\frac{1}{4}$  in., white with faint chartreuse throat. 6 to 10 in. \$1.00, 18 to 24 in. \$5.00.
- MIKAWANUM (Obtusum).** Flowers orchid-purple with brown blotch. 6 to 10 in. \$1.00, 18 to 24 in. \$5.00.
- MIZU-NO-YAMABUKI.** White flowers 1 in., single with partially petaloid sepals. 6 to 10 in. \$1.00, 12 to 15 in. \$2.50.
- OBTUSUM.** Deep lavender. A dwarf, very twiggy azalea with very dark green leaves, which are very small. Twiggy branches grow out laterally, forming a broad plant, not tall. Splendid in rockery. May. Bedded 3 to 6 in. \$1.00, 6 to 8 in. \$1.50, 8 to 10 in. \$2.00, 10 to 12 in. \$2.50, 15 to 18 in. \$5.00.
- OKINA-NISHIKI.** Orange-red, hose-in-hose flowers. Dwarf, slow growth. 6 to 10 in. \$1.00, 15 to 18 in. \$5.00.
- OTOME.** Description later. 6 to 10 in. \$1.00, 18 to 24 in. \$5.00.
- RYUKYU.** Large white flowers. Very fine but does need protection. May. Bedded 6 to 10 in. \$1.00, 10 to 12 in. \$1.50, 12 to 15 in. \$2.00, 15 to 18 in. \$3.50.
- SAKURAGATA.** Violet-red. 6 to 10 in. \$1.00.
- SERPULLIFOLIUM-ALBA (Wildthyme Azalea).** Low spreading growth. Leaves very small and the flowers are single,  $\frac{1}{2}$  in. wide. White. Small pot plants \$1.00.
- SHISHU (PI 77141).** Large, deep purple-lavender. May. 18 to 24 in. \$6.00, 24 to 30 in. \$8.00, 30 to 36 in. \$10.00.
- SUISHOREN (PI 77101).** Very bright pink, heavy flowering. May. 15 to 18 in. \$4.00, 18 to 24 in. \$6.00.
- SURISUMA.** Description later. 6 to 10 in. \$1.00.
- TAMA-NO-ITO.** Light Rosolane purple. 6 to 10 in. \$1.00.
- USUYO.** Orchid-purple with reddish blotch. 6 to 10 in. \$1.00, 18 to 24 in. \$5.00.
- YAESHOJO (PI 77100).** Flaming-red. One of the earliest to flower. A very tall grower and one of the showiest of all azaleas. Handsome. May. 3 to 4 ft. \$10.00, 4 to 5 ft. \$12.50.
- WAKAEBISU.** Hose-in-hose, bright salmon pink. 6 to 10 in. \$1.00, 10 to 12 in. \$1.50, 12 to 15 in. \$2.00.
- WAKAMATSU.** Single, large flowers, delicate purple. 6 to 10 in. \$1.00.
- WARAIGISHI (PI 77132).** Large deep rose, two rows of petals. A very strong grower and very showy. Late June. 15 to 18 in. \$4.00, 18 to 24 in. \$6.00.
- YAKUMO.** Single, hose-in-hose, dark orange-red. 15 to 18 in. \$3.50.
- VITTATUM (Fortunei).** White, flaked or striped. Violet-red. Not very hardy. 6 to 10 in. \$1.00.
- SHERWOODII (West Coast).** Single orchid-pink. Growth is vigorous. Somewhat similar to Mucronatum. 12 to 15 in. \$2.00, 15 to 18 in. \$3.00, 18 to 24 in. \$5.00.

### KNAPHILL GROUP (DECIDUOUS)

(Stock Extremely Limited)  
5 in. pot plants \$5.00 each

- FLAMINGO.** Upright, tall, flowering late mid-season. Flowers Carmine Rose with orange blotch.  $3\frac{1}{2}$  in.
- GOLDFINCH.** Tall, spreading form, late flowering. Flowers yellow with orange blotch and apricot streaks and flecks. 2 in. wide.
- HOMEBUSH.** Semi-double,  $1\frac{1}{4}$  in. Neyron rose on a base of rose madder.
- MRS. ANTHONY WATERER.** Tall, upright growth. Very late flowering. Flowers pale cream. Small to medium.
- ROBIN.** Spreading form of medium height. Late flowering. Flowers reddish-orange. Small to medium.
- RUDDY DUCK.** Tall, spreading form. Late flowering. Flowers pale orange-red with yellow blotch, medium, petals broad, bell-shaped.
- SANDPIPER.** Tall, upright form. Flowering late mid-season. Flowers 3 in. wide, pale yellow flushed pink with orange blotch.
- TOUCAN.** Upright, medium height growth. Flowering late mid-season.  $3\frac{1}{2}$  in. wide flowers are pale cream.
- WHITE THROAT.** Spreading form of medium height. Late midseason flowering. 2 in. wide flowers are double.
- YAFFLE.** Spreading form of medium height, flowering late. Flowers of medium size are orange-red.

## KINGSVILLE AZALEA

**GINA HOHMAN.** Kurume type. Hose-in-hose. 1½ in. flowers are a rich orange-coral to near apricot. Early May. 10 to 12 in. \$2.50, 12 to 15 in. \$3.50.

**MARY FRANCES HOHMAN.** An exceptional azalea, with 3 in. flowers that contain a coloret flower within the flower. Color is a rich amber to brilliant orange-red. Compact growth, rarely more than 3 ft. high. Late mid-season. 10 to 12 in. \$3.00, 12 to 15 in. \$4.00, 15 to 18 in. \$5.00, 18 to 24 in. \$7.50.

## VUYK HYBRIDS (Vuykiana)

**4 in. pot plants 8 to 15 in. \$1.75 each**

**GERARDINE VUYK.** Flowers single, 2 in., red with deep blotch.

**HELENA VUYK.** Flowers single, 2½ in., violet-red with deep red blotch.

**JOSEPH HAYDN.** Flowers single, 2¾ in., reddish-violet, with brownish blotch.

**MOZART.** Flowers single, 2½ in., violet-red.

**SCHUBERT.** Flowers single, 2 in., violet-red. (Only sizes available, 18 to 24 in. \$6.00, 24 to 30 in. \$8.00.)

**SIBELIUS.** Flowers single, 2 in., orange-red, with chocolate-purple blotch.

**WILHELMINA VUYK.** Flowers single, 2½ in., white with chartreuse blotch.

## AZALEAS—*Mucronatum* Clonal Varieties

**FUJIMOYI.** Large, double flowers, deep pinkish-lavender. May. 24 to 30 in. \$7.50.

**INDICA ALBA (Ledifolia).** Large, single flowers, pure white. May. Very fragrant. A very strong grower. 15 to 18 in. \$4.00, 18 to 24 in. \$6.00.

**JAPONICA ALBA.** Large, single, white. Broad grower. May. 10 to 12 in. \$1.50, 12 to 15 in. 2.50.

**LADY LILAC.** Very handsome. Flowers in clusters, clear lilac. Very fragrant. Showy. 12 to 15 in. \$2.50, 30 to 36 in. \$10.00.

**MAGNIFICA (Sekidera).** Large single flowers, white, spotted and flushed with pink. This variety will occasionally flower during the summer months, and in fall usually a nice crop of flowers appear. 18 to 24 in. \$6.00.

The above azaleas are evergreen, though much of the larger leaves will drop during the winter, leaving evergreen foliage out near the terminal of each shoot. They are strong growers, usually broader than tall. A single plant will grow as high as six feet and be eight feet broad. Large plants are a handsome sight when in flower.

## KAEMPFERI. *Malvatica* Hybrids

**Malvatica & Kaempfera and Hinodegiri.**

**BETTY.** Brilliant rose-pink with a trace of orange. 30 to 36 in. \$10.00.

**CARMEN.** A large rose colored upright growing variety. 15 to 18 in. \$3.50, 18 to 24 in. \$6.00.

**FEDORA.** Large flowers, deep rose, handsome. 24 to 30 in. \$8.00, 30 to 36 in. \$10.00.

**GRETCHEN.** Flowers are a dark mauve or mallow purple with darker blotch. 12 to 15 in. \$3.00, 15 to 18 in. \$4.00.

**LOUISE.** Tall grower. Flowers single, rose madder. 12 to 15 in. \$2.50, 18 to 24 in. \$6.00.

**MARY.** Deep pink. Large size. 24 to 30 in. \$8.00.

**OTHELLO.** Very bright orange-red. Free flowering. 12 to 15 in. \$2.50.

**AZALEAS—Miscellaneous Species and Others**

**ARBORESCENS.** Species, flowering in late June to early July. Grows very large and has fragrant white flowers. 6 to 7 ft. specimens \$35.00, 7 to 8 ft. specimens \$45.00.

**ALTACLARENCE.**

**ALABAMENSE.** White, usually with yellow blotch.

**ALBRECHTI.** Single flowers, 2 in., rose bengal. Somewhat similar to Schlippenbachii.

**AUSTRINUM.** Yellow-orange. Red color range.

**BAKERI.** Color range orange-red to salmon-apricot shades.

**CALENDULACEA.** Species, grows very large and the flowers are typically orange, but varying yellow and scarlet. June. 3 to 4 ft. \$7.50, 4 to 5 ft. \$10.00, 5 to 6 ft. heavy plants \$15.00, 6 to 7 ft. heavy plants \$22.50.

**JAPONICUM.** From pale yellow to deep yellow. Early spring before leaves appear. Bedded plants. 2 to 3 year \$1.50.

**LUTEUM.** From pale yellow to deep yellow. Early spring before leaves appear. 2 to 3 year \$1.50.

**MOLLE SINENSIS.** Large flowers in shades from pink to cream, through to deep yellow and orange.

**MUCRONULATUM (Rhododendron, dauricum var. mucronulatum).** Specie, with bright rosy-purple flowers in very early spring. Shades vary to almost pink. Best results when planted in protected position because it flowers at the same time the Forsythia flowers, and often frosts occur, freezing the flowers. Very attractive. April. 36 to 42 in. \$10.00.

**NUDIFLORUM.** Specie, pale pink flowers, fragrant. May.

**POUKHANENSE.** Specie, double flowers, lilac-purple. May. 18 to 24 in. \$5.00, 24 to 30 in. \$7.50.

**PRUNIFOLIUM.** July and August flowering. Reddish orange to vermillion.

**RETICULATUM (Rhombicum).** Specie, flowers rose-purple, unique rhombic-leaf. Tall grower. May.

**SCHLIPPENBACHII.** Specie, with large handsome pale, to rose-pink flowers. Should have a protected position from late frosts. The leaves are quite different and color well in fall. May. 2 to 3 year Bedded,  $\frac{5}{8}$  in., \$1.50, Specimens,  $5\frac{1}{2}$  to  $6\frac{1}{2}$  ft., \$40.00.

**SERRULATUM.** Late flowering. White fragrant flowers.

**VASEYI.** Specie, clear light rose. Handsome. May. 24 to 30 in. \$6.00, Specimens  $3\frac{1}{2}$  to  $4\frac{1}{2}$  ft. \$35.00.

**VISCOSUM.** July flowering. Cream white flowers. Accepts swampy-damp position.

**PI 122709.** Species, fragrant flower of rich yellow to deep gold in early spring before leaves appear. Stock limited.

**SPECIOSUM.** Orange to saturn red.

**YODOGAWA.** Double purplish-pink flowers. Quite fragrant.

**CULTURAL HINTS ON AZALEAS**

For excellent results, azaleas should be planted in prepared leaf-compost. This can be secured from a wood area where oak trees are growing. Remove the loose dry leaves first, then gather the first two inches of old rotted leaves and soil, mixing well as handled. When planting, dig hole large enough so that this compost can be placed to a depth of 4 inches beneath the ball and 8 inches wide around the ball.

Azaleas grow best and flower heaviest in sun. Light partial shade area is alright. Heavy shaded areas create a leggy growth and fewer flowers. A protection of cut pine or cut honeysuckle, placed over the entire plant during the winter, will protect flower buds from freezing and keep the leaves a good green. Mulch with leaves but never with manure of any kind.

Azaleas respond readily to pruning. This should be done immediately after the flowering, never later than June 10th to 15th if flowers are to be assured the following spring. They can be cut back to hard wood and will send out new shoots all along the stems, making a fine bushy plant, rather than a leggy plant, which generally happens if no pruning is done.

When azaleas show a yellowing or off coloring of the leaves, spray the entire plant, thoroughly soaking the leaves, with "Ferros-Sulphate," using  $1\frac{1}{2}$  oz. F. S. to each 3 gallons of water. This can be applied any time during the growing season, soaking the leaves until they drip. Follow within a few days with a feeding of cotton-seed-meal, 2 full tablespoons to each plant, working this into the top surface with the fingers. Water well after.

# CAMELLIAS *sasanqua*

The sasanqua Camellias start to bloom in fall, from mid-September through December, or when real hard freezing occurs. Here in Maryland they are perfectly hardy, and we believe if given a little protection they can be successfully grown farther north.

They desire morning sun, but should have partial shade during the afternoon. Soil should be a good loam, with rotted oak-leaf compost added generously, and fed with a good complete fertilizer suitable for azaleas and rhododendrons. They dislike north and westerly winds, therefore, they should be planted in a position that is sheltered, facing east or southeast. Spring planting is best and this can be done anytime from April 1st to May 15th. Fall planting can be successfully done, and this should be early in mid-September through to mid-October for best results. A mulch should be placed around them during the winter to allow the small white roots to continue growing, and this mulch will also keep the roots from heavy freezing during the winter months.

**ANNETTE.** Single flowers, a clear white with deep rose margin. Pot plants, 12 to 18 in. \$2.50, 18 to 24 in. \$3.50, 24 to 30 in. \$5.00.

**APPLE BLOSSOM.** Single flowers with 6 to 8 petals, a good clear pink. Pot plants, 18 to 24 in. \$3.50, 24 to 30 in. \$5.00.

**BRILLIANTY.** Single flowers with 7 to 8 petals, a light rose pink. Pot plants, 12 to 18 in. \$2.50, 18 to 24 in. \$3.50.

**BUTTERFLY.** Single white flowers with a pink margin. Pot plants, 18 to 24 in. \$3.50.

**CINDERELLA.** Single flowers with white center and a shading of clear pink around the edge. Pot plants, 12 to 18 in. \$2.50, 18 to 24 in. \$3.50, 30 to 36 in. \$7.50.

**CHOJI-GURUMA.** Small flower, anemone form, delicate soft pink in color. Upright growth. Pot plants, 18 to 24 in. \$3.50.

**CLEOPATRA.** Generally with two rows of petals a deep rose pink. Pot plants, 12 to 18 in. \$2.50, 18 to 24 in. \$3.50, 24 to 30 in. \$5.00. Field plants B&B, 30 to 36 in. \$10.00, 36 to 42 in. \$12.50, 42 to 48 in. \$17.50, 4 to 5 ft. \$22.50, 5 to 6 ft. \$30.00.

**COVINGTON.** White-edged pink, semi-double. Pot plants, 18 to 24 in. \$3.50.

**CRIMSON BRIDE.** Single flowers a dark crimson red. Pot plants, 18 to 24 in. \$3.50.

**CRIMSON TIDE.** One of the handsomest red flowering. Rich true red, most pleasing. Field plants B&B, 30 to 36 in. \$10.00.

**DAWN.** Semi-double, ivory-white with flesh-pink at margin of petals. Field plants B&B, 36 to 42 in. \$12.00.

**FLORIBUNDA.** Single flowers, white with lavender pink edging. Sold out for Spring, 1954.

**HINODEGUMO.** Single flowers, 8 to 9 petals, fine white with pink edge. Pot plants, 12 to 18 in. \$3.00, 18 to 24 in. \$4.00.

**HIODOSHI.** 9-petal flowers beautifully variegated crimson and white. Sold out for Spring, 1954.

**HIRYONISHIKI.** Semi-double, petals generally waved and crinkled. Beautiful cherry-red blotched with white. Sold out for Spring, 1954.

**KOWGYOKU (Little Gem).** Full double imbricated flower. White with a faint marking of pink. Pot plants, 18 to 24 in. \$3.50.

**LAVENDER QUEEN.** Single flowers of lavender pink. Sold out for Spring, 1954.

**LITTLE GEM.** (See Kowgyoku).

**MAIDEN BLUSH.** Single flowers of a delicate clear pink. Pot plants, 12 to 18 in. \$2.50, 18 to 24 in. \$3.50, 24 to 30 in. \$5.00. Field plants B&B, 36 to 42 in. \$12.50.

**MISS AUBURN.** Large single flower of deep rose shading into a lighter colored center. Not available for Spring, 1954.

**MINE-NO-YUKI (Snow on the Mountain).** Most popular variety. Flower large, semi-double to double, loose peony form. Pure white in color. Very good grower with spreading branches. Pot plants, 12 to 18 in. \$2.50, 18 to 24 in. \$3.50, 24 to 30 in. \$5.00. Field plants B&B, 36 to 42 in. \$12.50.

**NEGISHEKO.** Single flowers, deep rich pink and fairly large. Excellent bloomer. Pot plants, 12 to 18 in. \$2.50, 18 to 24 in. \$3.50, 24 to 30 in. \$5.00. Field plants B&B, 30 to 36 in. \$10.00, 36 to 42 in. \$12.50, 42 to 48 in. \$17.50, 4 to 5 ft. \$22.50.

**PAPAVER (Rosea Papaver).** Single with 8 petals. Bell-shaped flower (resembling poppy) until full open. Blooms early (September to October) and slender upright grower with compact branches. Sold out for Spring, 1954.

**PINK SNOW.** Pink form of Mine-no-kuki from Beaumont, Texas. Rather low spreading and of rapid growth. Flowers are 2 to 2½ in. in diameter with 10 to 12 petals and 12 to 15 petaloids. Clear light pink. Not available for Spring, 1954.

**ROSEA.** Single flowers, a fine pink to rose color. Pot plants, 12 to 18 in. \$2.50, 18 to 24 in. \$3.50, 24 to 30 in. \$5.00.

**ROSY-MIST.** Single, delicate soft pink on white. Pot plants, 18 to 24 in. \$3.50.

**SETSUGGEKKA.** Single, yet often with two rows of petals, white with pink edging. Pot plants, 12 to 18 in. \$2.50, 18 to 24 in. \$3.50, 24 to 30 in. \$5.00.

**SHISHIGASHIRA.** Semi-double to double flowers, beautiful dark crimson-red. Sold out for Spring, 1954.

**SHOWA-NO-SAKAE.** Soft pink occasionally marked with white. Semi-double. Not available for Spring, 1954.

**SPLENDOR (Rosea Grandiflora).** One of the most profuse bloomers. Flower very large, 3½ to 4 in., with 10 petals of delicate soft pink lighter toward the center. Sold out for Spring, 1954.

**USU BENI.** Semi-double to double, loose peony flowers soft pink to white. Sold out for Spring, 1954.

**VELVETY.** Single flowers clear crimson-red with velvet tone. Pot plants, 18 to 24 in. \$3.50.

**VERSICOLOR.** Single flowers, pinkish white and lavender. Very showy. Sold out for Spring, 1954.

**WILLOWLEAF.** Single flowers, white with faint pink margin. Pot plants, 18 to 24 in. \$3.50.

### CAMELLIA JAPONICA

**REV. JOHN G. DRAYTON.** Large peony type flowers, a beautiful salmon pink. This camellia has stood our winters here at Kingsville, Maryland, during the past four years and has bloomed perfectly each spring in late April to early May. Our stock plants are now 5 feet high, so we have every reason to feel it is well worth recommending as a hardy camellia. 4 in. pot plants, 8 to 12 in. \$2.00, 12 to 15 in. \$2.50. Field plants B&B, 18 to 24 in. \$6.00, field plants B&B, 24 to 30 in. \$8.00, field plants B&B, 30 to 36 in. \$10.00.

### HOLLIES — *Ilex*

**ALTACLARENSE (Aquifolium X Perado).** Bright green leaves with fairly regular teeth. Fruit red and of good size. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00. Field plants B&B, prices upon application.

**JAMES G. ESSEN.** A handsome shiny-green leaf form of the Altaclarensis, teeth regularly formed, and fruit a good red. 4 in. pot plants, 4 to 8 in. \$1.50.

**WILSONII. Altaclarensis Wilsonii.** A very handsome large leaf variety of the English Holly. Leaves dark lustrous green and the berries are red, large and showy. Needs a protected position and a little shelter during winter. Pot plants, 4 to 6 in. \$1.00, 6 to 10 in. \$2.00, 10 to 12 in. \$3.00.

**AQUIFOLIUM.** The well known English Holly, with dark green, well toothed leaves, and bright red fruit. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00.

**ANGUSTIFOLIA.** Small narrow leaves evenly spined, a very twiggy grower and usually compact in upright form. Fruit red. Slow grower. 4 in. pot plants, 4 to 6 in. \$1.00, 8 to 10 in. \$2.00, 10 to 12 in. \$3.00. 5 in. pot plants, 12 to 15 in. \$5.00.

**ARGENTEO-MARGINATA.** Known as the silver-leaf Holly, leaves are edged silver and the fruit is a bright red. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.50. 5 in. pot plants, 12 to 15 in. \$4.00.

**ARGENTEO-MARGINATA "Silvary".** A handsome silver edged Holly with fine red fruit. The colors of green and silver are very pronounced. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.50, 12 to 15 in. \$3.50.

**ARGENTEO-MARGINATA** "Silver Beauty." The darker green center with bright silver edged leaves makes this a handsome Holly. The fruit is red. 4 in. pot plants, 12 to 15 in. \$5.00.

**AUREA-MARGINATA-OVATA.** The golden edge Holly, with leaves of green and gold. A beautiful Holly, and especially when in fruit which is red. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00. Specimens, 3 to 4 ft. high X 4 to 5 ft. wide \$50.00 B&B.

**AUREA MEDIA PICTA.** The leaves are blend of green and yellow, splashed from center to edge and most attractive. Fruit is red. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.50. 5 in. pot plants, 12 to 15 in. \$5.00.

**AUREA MEDIA PICTA LATIFOLIA.** The leaves are larger than the preceding variety and the colors more pronounced. Very handsome. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.50. 5 in. pot plants, 12 to 15 in. \$5.00.

**AUREA REGINA.** Bright gold edged leaves with green center. Male. 4 in. pot plants, 8 to 12 in. \$2.00.

**"B" VARIETY.** The proper name of this Holly has not been identified. Leaves are very spiny and a dark green in summer, and a beautiful bronze-green during winter. Heavy bearer of red fruit. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00.

**BICOLOR.** Pale gold to yellow, blended with green leaves and bright red fruit. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**CAMELLAEFOLIA.** Large broad leaves of reddish green, with some completely spined leaves, while others on the same plant will be without spines. A very handsome Holly with large red fruit. 4 in. pot plants, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00.

**CILIATA MAJOR.** Leaves dark glossy reddish-green with an occasional olive tinge. Fruit red, and is large. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$5.00.

**CRISPA** "Screw-leaved Holly." Deep glossy-green leaves that have a spiral twisting. Most unusual. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**CRISPA-AUREA.** This Holly has the same characteristic spiral twisting of the leaves, but the leaves are well-marked green with gold. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00.

**BALEARICA (Plataphylla).** Handsome large leaves of rich green well spined. Fruit is red and quite large. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00.

**DONNINGTONENSIS.** Glossy-green leaves of medium size, and very bright red fruit. This Holly is of free pyramidal growth and very pleasing. 4 in. pot plants, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00.

**FEROX** "Hedgehog Holly." Leaves with short teeth and numerous small spines on the upper convex surface. Most unusual. Male. 4 in. pot plants, 4 to 8 in. \$1.50, 12 to 15 in. \$3.50.

**FEROX AUREA** "Golden Hedgehog Holly." The leaves are golden yellow and green.

**FEROX ARGENTEO** "Silvery Hedgehog Holly." The leaves are silvery and green.

**FRUCTU-LUTEA.** Handsome English Holly with dark green, very spiny leaves. The fruit is yellow to deep orange. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$1.50, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00.

**FATHER CHARLES.** A very handsome Holly which we have not been able to properly identify; therefore, we are calling it Father Charles. The very large leaves are a reddish green, with some teeth. The fruit is very large and a brilliant red. Very fine. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$5.00, 18 to 22 in. \$6.00.

**JAN VAN TOL.** A lovely Holly with dark green leaves of medium size and with occasional teeth. The berries are bright red, and they are many, usually each year. Grows tall and broad. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00. Field plants, 30 to 36 in. B&B \$15.00, 3 to 4 ft. B&B \$20.00, 4 to 5 ft. B&B \$25.00.

**PYRAMIDALIS.** An English Holly with upright growth and dark green leaves moderately spined. The fruit is a bright red. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00.

**PYRAMIDALIS COMPACTA.** Thickly branched Holly with bright and shiny dark green leaves only partly spined. A very good fruiter, the berries being very bright red. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00. Field plants, 24 to 30 in. B&B \$8.00, 30 to 36 in. B&B \$12.50, 36 to 42 in. B&B \$17.50, 5½ to 6½ ft. heavy specimens, about as wide as high B&B \$65.00 to \$100.00.

**SPINY-LEAF.** This is an English Holly of great beauty with leaves that are very dark green and about the most spiniest of all English Hollies. The fruit is extremely bright red and very beautiful. Deer will not eat this Holly. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00. Can also be supplied in male plants.

**SCOTICA.** Dark green glossy leaves oblong-obovate, bluish, and rounded at apex. Fruit is red and quite large. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$5.00.

**"REDDERLY."** An English Holly with fine dark green leaves, evenly spined. Upright growth. Fruit is bright red. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00, 15 to 18 in. \$4.00.

**W. J. BEAN.** A fine English Holly with fairly large leaves with deep cut teeth and fine red fruit. 4 in. pot plants, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00.

**ILEX AQUI-PERNYI.** A male Holly that is a cross of Aquifolium X Pernyi. A beautiful Holly with characteristics of both parents. Leaves a lustrous green and strongly toothed. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00.

**ILEX AQUI-PERNYI "Brilliant."** A female form of the fine cross of aquifolium X pernyi. The leaves have a rather flat surface with teeth around edge and are a good dark green. The fruit is bright red. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00.

**ILEX AQUIFOLIUM. Hodginsi.** A very handsome English Holly with extremely large leaves. Leaves dark green from 2½ to 3½ in. long and very broad, with large bold spines. The fruit is bright red. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$5.00.

**ATTENUATA.** Cross of Cassine X Opaca. Narrow leaves 3 to 3½ in. long, light green. Branches slender and arching and the berries are red. 4 in. pot plants, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00.

**CASSINE MYRTIFOLIA.** American Holly from the south. Not hardy north. Leaves small and narrow, and the berries are small and red. 4 in. pot plants, 8 to 12 in. \$2.00.

**CASSINE "Sebrings."** Sebring's Holly has much larger leaves than the type, being 1 in. long and 5/8 in. wide. Not sure about fruiting. 4 in. pot plants, 8 to 12 in. \$2.00.

**CILIOPINOSA.** Chinese Holly. Dark green leaves of medium size evenly toothed. It is pyramidal in form, and the fruit is very bright red. Can also supply male form. 4 in. pot plants, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00. Field plants, 4 to 5 ft. B&B \$12.50, 5 to 6 ft. B&B \$17.50, 6 to 8 ft. B&B \$22.50.

**CORALLINA.** Chinese Holly. A very gracefully growing Holly with arching slender branches. Leaves are 4 to 6 in. long by 1 in. wide with spines arranged curiously. Fruit is red and borne generally in cluster. 3 to 5 in. \$1.00. Rather tender here in Maryland.

**CORNUTA.** Chinese Holly. A very twiggy growth attaining almost the same width and height. Leaves are stout and with sharp spines. The fruit is rather large and is red. We can also supply male plants. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00. Field plants, 6 to 8 ft. B&B \$50.00.

**CORNUTA BURFORDI.** Form of Chinese Holly with shiny dark green leaves mostly without teeth. A very handsome Holly and usually fruits heavily with bright red fruit. 4 in. pot plants, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00. Field plants, specimens 30 to 36 in. B&B \$12.50, 36 to 42 in. B&B \$17.50, 42 to 48 in. B&B \$25.00.

**ILEX CORNUTA "Slack's Variety."** The leaves of this Cornuta Holly are very bright shiny green and of good size. The fruit is red. A fine Holly. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00.

**ILEX CORNUTA "Kingsville Special No. 1."** This Cornuta Holly has extremely large leaves, up to 4 in. long and 2½ in. wide. The fruit is also large and deep red. 5 in. pot plants, 15 to 18 in. \$5.00.

**ILEX CRENATA "Kingsville Green Cushion."** Shrub flat, spreading. At 10 years 8 in. with top 30 to 32 in. wide. Leaf blades stiff, dark green, small to very small. Twigs small, light green or slightly tinted with purplish brown. Especially attractive because of its solid cushion-like form. Potted 3-yr. plants, 4 to 6 in. spread \$2.50. Potted 4-yr. plants, 6 to 8 in. spread \$3.50.

**ILEX CRENATA.** Shrubby evergreen Holly from Japan. Small dark green leaves and black fruit. 4 in. pot plants, 15 to 18 in. \$2.00.

**CONVEXA.** Low growing evergreen Holly with small boxwood-like shiny dark green leaves. Fruit is black. Beautiful in foundation planting. 10 to 12 in. \$1.50, 12 to 15 in. \$2.50, 15 to 18 in. \$3.50, 18 to 22 in. \$5.00. 30 to 36 in. spreads B&B \$15.00. Large specimens, 6 to 7 ft. B&B \$40.00.

**FORTUNEI.** A very strong growing evergreen Holly with small, pointed leaves about ¼ to 1 in. long, very shiny and dark green. Fruit black. 5 to 6 ft. B&B \$15.00, 6 to 7 ft. B&B \$20.00, 7 to 9 ft. B&B \$35.00.

**GRANDIFOLIA.** Rounded leaves of good size, bright shiny green. 4 in. pot plants, 12 to 15 in. \$2.00.

**GREEN ISLAND (pat).** Medium dwarf form that grows in rather a mound. Very twiggy and excellent for rock gardens or where slow growing plants are needed. (Patented). 3 to 4 ft. \$8.50.

**GLASS.** Very small evergreen leaves. Rather spiky growth, which becomes fairly open if not kept pruned occasionally. When it is kept clipped, it is a very twiggy and lovely plant. 24 to 30 in. \$6.00, 5 to 6 ft. \$15.00.

**HELLERI.** Tiny-leaf evergreen, dwarf Holly, low and spreading habit. 10 to 12 in. spread \$3.00, 12 to 15 in. spread \$5.00.

**KINGSVILLE.** Small leaves dark green. Growth is very twiggy and spreading. A dwarf Holly ideal for rockery or as specimen where slow growing low plant is needed. Very hardy. 15 to 18 in. B&B \$6.00, 18 to 24 in. \$10.00, 24 to 30 in. \$17.50.

**LATIFOLIA.** Leaves nearly 1 in. long and narrow. Bright green. Branches rather spreading, yet an upright form. 4 in. pot plants, 12 to 15 in. \$2.00.

**LONGFELLOW.** Rather large leaves for the type and a good form. 4 in. pot plants, \$1.50.

**MAJOR.** Another crenata with larger leaves than the form. 4 in. pot plants, 12 to 15 in. \$2.00.

**MICROPHYLLA.** Tiny leaf evergreen Holly with many twiggy branches. 4 in. pot plants, \$1.50.

**ROTUNDIFOLIA.** Rounded evergreen leaves, very shiny dark green. Grows about as broad as high and quite dense. Fruit is black. 18 to 24 in. B&B \$4.00, 24 to 30 in. \$6.50, 4 to 5 ft. \$20.00.

**TENNYSON.** Leaves shiny dark green rather pointed. 4 in. pot plants, \$1.50.

**FARGESI (Fargesi Holly).** Species Holly from Western China, remarkable for its long narrow leaves, usually 3 to 4 in. long. Male. 4 in. pot plants, \$1.50.

**GLABRA.** Half evergreen shrub Holly, quite branchy. Shiny dark green leaves and jet-black berries. 30 to 36 in. B&B \$6.50, 3 to 4 ft. \$8.50.

**INTEGRA.** Asiatic species with perfectly smooth dark green leaves. A beautiful Holly, but must be planted in sheltered spot. The fruit is a bright red. 3 in. pot plants, \$1.00. 4 in. pot plants, \$1.50.

**LATIFOLIA.** Species Holly from Japan. The leaves are extremely larger, 6 to 7 in. long and 2½ to 3 in. wide, a rich dark green. This Holly grows to quite a large tree and is handsome. Densely branched, it is a perfect specimen. 4 in. pot plants, \$1.50, 10 to 12 in. \$2.50. Field plants, 18 to 24 in. \$6.00.

**ILEX OPACA.** The American Holly so well known along the Atlantic coast. Bright red berries and deep dark green leaves that are well spined, makes it an outstanding tree in any landscape. 24 to 30 in. B&B \$5.00, 30 to 36 in. B&B \$6.50, 36 to 42 in. B&B \$9.00, 42 to 48 in. \$12.50, 4 to 5 ft. B&B \$15.00, 5 to 6 ft. \$17.50, 12 to 15 ft. B&B \$75.00.

**ARDEN.** Horizontal branches with good foliage and a display of fine red fruit. 5 in. pot plants, 15 to 18 in. \$2.50, 24 to 30 in. \$5.00.

**CHEERFUL.** A new introduction of our own. The leaves are a good green with whitish-green teeth. The fruit is large and a fine cherry-red. A handsome Holly. 4 in. pot plants, 8 to 12 in. \$1.50. 5 in. pot plants, 15 to 18 in. \$3.50, 18 to 22 in. \$5.00, 24 to 30 in. \$6.50.

**CLARK.** Lustrous green leaves deeply toothed. Berries very bright red. 4 in. pot plants, 6 to 10 in. \$1.00. 5 in. pot plants, 15 to 18 in. \$2.50, 18 to 22 in. \$3.50.

**CROONENBURG.** Very dark green leaves which are large on matured trees. Noted for its handsome leaves and fine red fruit. 12 to 15 in. \$2.00, 15 to 18 in. \$3.00.

**BRADSHAW.** The leaves are very large and very dark green, well spined. Fruit is a good red and usually in clusters. 4 in. pot plants, 6 to 10 in. \$1.00.

**DELIA BRADLEY.** An American Holly of good merit. Has a very heavy fruiting habit, even when quite young. The fruit is a very bright red in great abundance, and can be depended upon to fruit yearly when once established. We consider it one of the best American Hollies. 4 in. pot plants, 8 to 10 in. \$1.50, 10 to 14 in. \$2.25. 5 in. pot plants, 15 to 18 in. \$3.00, 18 to 22 in. \$4.00. Field plants B&B heavy grade, 5 to 6 ft. \$17.50, 6 to 7 ft. \$30.00, 7 to 8 ft. \$50.00, 8 to 10 ft. \$75.00.

**DULL RED.** Very dark green leaves that are well spined, medium sized. The fruit is a very dark red, thus the name, Dull Red. 5 in. pot plants, 15 to 18 in. \$3.00.

**EAST PALATKA.** Leaves without complete set of spines. The leaves are smooth and quite shiny, the color being a bright green. Not hardy north. 5 in. pots, 18 to 22 in. \$2.50.

**FARAGE.** Leaves nearly twice as long as broad and are a deep green and nicely toothed. The fruit is bright red. 5 in. pot plants, 15 to 18 in. \$3.00, 18 to 22 in. \$4.00.

**GUNBY.** Dark green leaves of good size and evenly toothed. Fruits are good red. 10 to 12 in. \$2.00.

**GOLDEN FLEECE.** An Opaca Holly with leaves marked with yellow. We planted in full sun; the leaves are well marked, but if planted in shade the leaves remain green and the yellow is faded out. This form is new and we cannot say much regarding its general habits. 4 in. pot plants, 4 to 6 in. \$2.00, 6 to 8 in. \$2.00, 10 to 12 in. \$3.50.

**HAMPTON.** A nice and pleasing Holly with good foliage and red fruit. 5 in. pot plants, 15 to 18 in. \$3.00.

**HOOKSTRAW.** OLD HEAVY BERRY. A very remarkable American Holly with very large leaves of bright green and very fine red fruit. It is one of the best of all Opaca Hollies and quite outstanding among them all. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00.

**HOWARD.** A fast growing Holly, of very erect growing habit. The leaves are fairly long and of light green. A very heavy fruiting (red) Holly. 5 in. pot plants, 18 to 24 in. \$3.00.

**HYBERNIA.** Large green leaves and an upright habit of growth. Fruits heavily red. 5 in. pot plants, 15 to 18 in. \$2.50, 18 to 24 in. \$3.00.

**JOYCE.** A good Holly with fine dark green leaves evenly toothed and glossy. Berries are very bright red. 5 in. pot plants, 15 to 18 in. \$3.00, 18 to 22 in. \$4.00.

**LAKE CITY.** Vigorous grower with dark green leaves and orange-red berries. 5 in. pot plants, 15 to 18 in. \$3.00.

**MAXWELL POINT.** Strong growing Holly developing to a massive size. Leaves very dark green of good size, and the berries are bright red. 5 in. pot plants, 15 to 18 in. \$3.00, 18 to 22 in. \$4.00.

**MERRY CHRISTMAS.** Well-formed leaves dark green, and with berries a bright red. 5 in. pot plants, 15 to 18 in. \$3.00.

**MRS. SANTA.** Glossy green leaves nicely toothed of medium size. The fruit is a good red and usually forms in clusters of three. 5 in. pot plants, 15 to 18 in. \$3.00.

**OCTOBER GLOW.** The outstanding feature of this Holly is the early coloring of its fruit, which is usually in October. Fruit a bright red. 5 in. pot plants, 15 to 18 in. \$3.00, 18 to 24 in. \$4.00.

**PYRAMIDALIS.** A good Holly with pyramidal habit of growth. Leaves dark green and well formed, rather sharply pointed. Fruit red. 5 in. pots, 15 to 18 in. \$3.50.

**RICHARDS.** An introduction from the U. S. D. A. This rates among the finest of American Hollies, having very large dark green leaves rather shiny, and the fruits are of a very good size. A lovely Holly. Prices upon application.

**ROTUNDIFOLIA.** American Holly with leaves quite round, well spined, and a very good green. Seems rather branched and we believe will develop into a rather round headed tree. Fruits are red. 5 in. pot, 15 to 20 in. \$3.50.

**ST. MARY.** Shiny bright green leaves that have a twist at apex and are sharply toothed. Berries brilliant red. 4 in. pot plants, 6 to 10 in. \$1.00. 5 in. pot plants, 15 to 18 in. \$3.00, 18 to 22 in. \$4.00.

**ST. STEPHEN.** A sister of Delia Bradley which can be well recommended for its fine fruiting habit. The parent plant is a mass of very bright red fruit each fall. 4 in. pot plants, 6 to 10 in. \$1.00.

**SKOOKUM.** Rather densely branched Holly with fine well-toothed leaves, a good green, and bright red fruit. Usually with twiggy growth. 4 in. pot plants, 6 to 10 in. \$1.00. 5 in. pot plants, 15 to 18 in. \$3.00.

**TABER NO. 3.** Handsome Holly, and decidedly of pyramidal form. Leaves shiny green, evenly toothed of nice size. The fruit is red and produced in abundance, and generally remain during the entire winter. 4 in. pot plants, 6 to 10 in. \$1.00. 5 in. pot plants, 18 to 24 in. \$3.00, 24 to 30 in. \$4.00, 30 to 36 in. \$5.00.

**TONER.** Fine American Holly of good form and fine foliage. Leaves a nice size, are a good green, and the fruit is a fine bright red. 4 in. pot plants, 6 to 10 in. \$1.00, 5 in. pot plants, 15 to 18 in. \$3.00.

**XANTHOCARPA "Marion."** A fast growing American Holly, with rather open branching habit, and leaves a light color of green. The fruit is lovely light yellow.

**ILEX OPACA XANTHOCARPA "Maryland."** Another fine yellow-berry American Holly with dark green leaves well spined and of nice size. A very good holly. 4 in. pot plants, 10 to 12 in. \$2.50, 12 to 15 in. \$3.00.

**CUMULICOLA.** A very interesting Holly belonging to the Opaca group. The leaves are small, about  $1\frac{1}{2}$  to 2 in. long and 1 in. wide, rather flat with small teeth around edge. The fruit also is small and bright red. 4 in. pot plants, 10 to 12 in. \$2.00. 5 in. pot plants, 12 to 15 in. \$3.50.

**FORT McCOY.** Another very interesting Holly with small narrow leaves, a good green, rather flat and has a margin set with small teeth. Fruit red. 4 in. pot plants, 10 to 12 in. \$2.00, 5 in. pot plants, 12 to 15 in. \$3.50.

**SUBINTEGRA.** This Holly has rather small leaves that are very glossy and lack the usual spines or teeth around edge of leaf. Growth is fairly fast and open branched. Fruit red. 5 in. pot plants, 15 to 18 in. \$3.00.

**ILEX PERNYI.** Slow growing Holly of great interest, from China. Leaves are small and very prickly, being stoutly spined and twisted. Fruit is red-scarlet and cling close to the stem. One of the loveliest of Hollies. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00. 5 in. pot plants, 12 to 15 in. \$3.50, 15 to 18 in. \$5.00. Male plants can also be supplied.

**ILEX PERNYI-VEITCHI.** A Chinese Holly with larger leaves than the preceding, sharply toothed, and the fruit is also larger and is red. Dense pyramidal growth is its habit. Very attractive. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00. Field plants, 24 to 30 in. \$8.00, 30 to 36 in. \$12.50. Male plants can also be supplied.

**ILEX PEDUNCULOSA.** A vigorous growing Holly with smooth dark green leaves. The fruit is red and hangs like cherries, making this Holly most interesting. Grows quite large and is very hardy. 4 in. pot plants, 4 to 8 in. \$1.00, 5 in. pot plants, 18 to 22 in. \$4.00.

**ILEX PLATAPHYLLA MADERENSIS.** Leaves are large, rather flexible, and are bright green. Growth is fairly fast and the plants develop to a fairly large tree. Fruit is of good size and is red. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00, 12 to 15 in. \$3.00. 5 in. pot plants, 15 to 18 in. \$4.00, 18 to 22 in. \$5.00.

**ILEX ROTUNDA.** An interesting Holly from Japan. Being rather tender it is best in mild areas only. It freezes back here in Maryland, but soon makes new growth in early summer. The fruit is red and very small, but usually in abundance. 8 in. pot, 4 to 6 ft. \$15.00.

**ILEX SIKKIMENSIS.** Fast growing Holly with leaves 5 to 7 in. long and  $1\frac{1}{2}$  to 2 in. wide, light green and very prickly around edge. The fruit is yellow and quite handsome. A most unusual Holly but on the tender side and should be planted only in warmer area. 4 in. pot plants, 4 to 8 in. \$1.00, 8 to 12 in. \$2.00. Specimens 6 to 7 ft., prices on application.

**ILEX YUNNANENSIS.** Extremely interesting Holly with very small boxlike leaves and red fruit.

**ILEX COLLINA.** A deciduous Holly rare, yet a native of America. Leaves large and light green in color. Red berries are produced in profusion on established plants. 8 to 12 in. \$2.00. 5 in. pot plants, 18 to 22 in. \$4.00.

**ILEX DECIDUA.** Deciduous Holly quite interesting. The bark is a gray color on established plants, and is quite twiggy-branched. The fruit is red, usually in abundance. 18 to 24 in. \$2.00.

**ILEX MONTANA (Monticolo).** Upright branched Holly, deciduous, and will grow quite large. The berries are bright orange-red. 5 to 6 ft. field plants, \$6.00.

**ILEX SERRATA (Sieboldi).** Shrubby, deciduous Holly, with small leaves finely toothed. Very branchy dense growth, and a fine producer of small red fruit. 2 to 3 ft. field plants, \$2.50, 3 to 4 ft. \$3.50, 4 to 5 ft. \$5.00.

**ILEX VERTICILLATA.** Deciduous shrub Holly, very attractive with its many red berries. 12 to 18 in. \$1.00.

**ILEX VERTICILLATA. Polycarpa.** Deciduous shrub Holly with stiff upright branches and large red fruit. 18 to 24 in. \$2.00.

While all the deciduous Hollies are perfectly hardy and can be grown fairly far north, you will note that we have called attention to several varieties and species of the evergreen Hollies which must have protection in areas where the winters are cold; also, some that can be safely grown only in warm areas.

The English Hollies, those of the Aquifolium group, can be grown in fairly cold areas once they are established. When small they should have protection during the winters until they have gained some size, then they seem to pick up sturdiness, enabling them to withstand much cold. In order to help them gain the sturdiness they need, soil should be prepared for planting them in, and this should be a well-rotted compost of oak leaves. They desire to be fed, and old rotted cow manure is hard to beat. It helps them to develop large foliage, a deeper green, or brighter color, growth becomes stronger, and fruit sets heavier. It is always well to have a male plant of the species nearby, because then the pollen can be carried quickly by bees, from the male to the female flowers, and fruiting becomes abundant.

Given the attention they need, they pay well with development of fine specimen trees.

## CULTURAL HINTS ON RHODODENDRONS

**SOIL:** Rhododendrons require an acid soil that is well drained. A generous application of peat or well-decayed leaves scattered on the bed before spading will provide a friable compost for the hairlike roots and also assist in keeping the soil acid.

**PLANTING:** Rhododendrons are essentially surface rooters; therefore, plant them so that the top of the root ball is barely one inch below the soil level. Dig a hole several inches in excess of the ball's depth and width, fill in around the ball with equal parts of peat and loam, tamp with a shovel handle to prevent undue settling and water thoroughly. In a heavy clay, we advise that the soil be removed to at least twice the diameter of the ball's width and replaced with a silty loam.

**MULCHING:** After planting, mulch with two or three inches of peat or decayed leaves. It protects the roots from drying out, it helps conserve moisture during the summer heat, and it ultimately becomes a source of food available to the surface-feeding roots.

**WATERING:** During warm summer days the plants appreciate overhead sprinkling night and morning to reduce the evaporation rate on leaf surfaces. They imbibe water in quantity during the growing season, but overwatering is disastrous if the soil has been insufficiently lightened and water accumulates about the root system. The question of adequate drainage cannot be too strongly emphasized. A minimum of water is required during the dormant period which occurs in late fall.

**SHELTER:** Partial shade and protection from cutting winds is essential. Dense overhead shade is not to be recommended because a certain amount of sunlight is necessary to ripen the wood in order that flower buds may be formed and also to prevent the plant from becoming leggy and drawn.

**AFTER FLOWERING:** Remove all faded blooms from the plants to prevent the formation of seed pods. This will conserve the plant's strength and help promote sturdy new growth.

## "ATTENTION — OF INTEREST"

Copies of **The Glenn Dale Azaleas**, by B. Y. Morrison, Agriculture Monograph No. 20, United States Department of Agriculture, can be secured from The Superintendent of Documents, U. S. Government Printing Office, Washington 25, D.C. Price, 40 cents.

This Monograph is the finest data ever written of azaleas and should be secured by everyone interested in azaleas.

# HYBRID RHODODENDRONS

Prices each (except where noted):

- 6 to 10 in. \$3.00, 10 to 15 in. \$5.00, 15 to 18 in. \$7.00, 18 to 24 in. \$9.00, 24 to 30 in. \$12.50, 30 to 36 in. \$15.00, 36 to 42 in. \$17.50, 42 to 48 in. \$20.00.  
Heavy specimen plants selected are priced additional.
- ATROSANGUINEUM.** Dark red. 6 to 10 in., 10 to 15 in.
- ALICE.** Deep pink fading pale rose. 10 to 15 in.
- AMERICA.** Pleasing red. 10 to 15 in., 15 to 18 in.
- ANNIE E. ENDTZ.** Fine light pink. 10 to 15 in., 18 to 24 in., 24 to 30 in.
- ANTON VAN WELIE.** Carmine pink. 10 to 15 in.
- ARTHUR J. IVENS.** Dwarf, bell-shaped, pale rose. Pot plants, \$4.00.
- ARTHUR OSBORN.** Dwarf, dark scarlet. Pot plants, \$4.00.
- BAGSHOT RUBY.** Deep ruby red. 15 to 18 in.
- BEAUTY OF LITTLEWORTH.** Large white flowers. 15 to 18 in.
- BETTY WORMALD.** Light pink, purple blotch. 10 to 15 in.
- BLANDIANUM.** Rosy crimson.
- BLUE PETER.** Pale lavender-blue, deep blotch. 6 to 10 in.
- BOULE DE NEIGE.** Finest white compact slow grower. 20 to 24 in. \$13.50, 24 to 30 in. \$16.50.
- BRITANNIA.** Bright crimson red. 15 to 18 in.
- BULSTRODE PARK.** Dark red.
- BUTTERFLY.** Pale yellow with chocolate blotch. 10 to 15 in.
- BEAUFORT.** Slow grower with white flowers.
- CARACTACUS.** Purplish crimson. 10 to 15 in., 15 to 18 in.
- CAROLINE.** Pale orchid pink.
- CATAW. ALBA.** Pinkish buds, opening pure white. 10 to 15 in., 15 to 18 in., 24 to 30 in.
- CATAW. GLASS.** Fine white, touch of pink on outside flower bud. 18 to 24 in., 24 to 30 in.
- C. B. VAN NESS.** Dark scarlet.
- CHARLES DICKENS.** Fine red.
- CHARLES BAGLEY.** Bright cherry-red.
- CXC4.** Gable. Fine light pink. 24 to 30 in., 30 to 36 in.
- CYNTHIA.** Large flowering rosy-pink. 30 to 36 in., 36 to 42 in.
- DR. H. C. DRESSELHUYSEN.** Dark red. 10 to 15 in., 15 to 18 in.
- DR. O. BLOK.** Pale pink with deep pink edge. 6 to 10 in., 18 to 24 in., 24 to 30 in., 30 to 36 in.
- DR. BUTGERS.** Aniline red. 10 to 15 in., 15 to 18 in.
- DELICATISSIMA.** White-blushed pink.
- DECOMUM X GRIERSONIANUM X AMERICA.** 30 to 36 in.
- EARL OF ATHLONE.** Bright blood-red. 15 to 18 in.
- EDWARD S. RAND.** Good red with yellow eye. 10 to 15 in., 15 to 18 in.
- ELSPETH (Slocock).** Scarlet, opening rich apricot.
- ESSEX SCARLET.** Rich red to crimson.
- EVERESTIANUM.** Rosy-lilac.
- FABIA.** Apricot yellow flushed salmon. 10 to 15 in.
- GAGGETTER'S FAVORITE.** Coral pink. 15 to 18 in.
- FASTUOSUM FL. PL.** Double mauve. 30 to 36 in., 36 to 42 in.
- F. C. PUDDLE.** Orange red.
- F. D. GODMAN.** Dark red.
- F. L. AMES.** Deep rosy pink with light center.
- \*DONCASTER.** Scarlet crimson. 6 to 10 in., 10 to 15 in.
- GOMER WATERER.** White slightly blushed. 6 to 10 in., 10 to 15 in.
- GOLDSWORTH'S YELLOW.** Apricot to yellow. 6 to 10 in., 10 to 15 in., 15 to 18 in., 18 to 24 in., 24 to 30 in.
- GRAF ZEPPELIN.** Soft pink. 10 to 15 in.
- JAN DEKINS.** Lovely pink, fringed. 6 to 10 in., 15 to 18 in.
- JOHN WALTER.** Fine crimson. 10 to 15 in., 24 to 30 in.
- J. G. MILIAIS.** Deep blood red. 15 to 18 in., 30 to 36 in.
- JEAN MARIE DE MONTAGU.** Bright crimson. 10 to 15 in.
- LODERI.** Large white flowers. 6 to 10 in.
- LODERI "King George."** Blush to white, large flowers. 15 to 18 in.
- LADY CLEM MITFORD.** Peach pink, 6 to 10 in., 10 to 15 in., 15 to 18 in.
- LADY BLIGH.** Strawberry-red. 18 to 24 in.
- LADY PRIMROSE.** Lemon yellow. 10 to 15 in.
- LADY OF WORTLEY.** Deep rose pink.
- LANGLEY PARK.** Deep red. 10 to 15 in.
- LORD ROBERTS.** Dark red with black spots. 15 to 18 in.

- MAD. F. T. CHAUVIN.** Rosy pink with deep blotch.  
**MAD. DE BRUIN.** Cerise red. 6 to 10 in., 18 to 24 in., 30 to 36 in.  
**MAD. GUILLIEMOT.** Bright rose-red. 10 to 15 in.  
**MRS. CHARLES PEARSON.** Blush mauve spotted burnt sienna, 6 to 10 in., 10 to 15 in., 15 to 18 in., 30 to 36 in.  
**MRS. A. T. DE LA MARE.** White with green spot. 15 to 18 in., 18 to 24 in., 24 to 30 in.  
**MRS. MARY ASHLEY.** Salmon pink shaded cream. 10 to 15 in., 15 to 18 in.  
**MRS. W. C. SLOCOCK.** Apricot pink. 6 to 10 in., 10 to 15 in.  
**MARGARET DUNN.** Apricot rose. 15 to 18 in., 18 to 24 in.  
**MARINUS KOSTER.** Deep pink with brown blotch. 15 to 18 in., 24 to 30 in., 30 to 36 in.  
**MARQUIS OF WATERFORD.** Bright pink with light center.  
**MARS.** Deep true red. 15 to 18 in.  
**MRS. P. D. WILLIAMS.** Ivory white with brown spot. 15 to 18 in.  
**MOSER'S MAROON.** Maroon. 10 to 15 in.  
**MAY DAY.** Scarlet bells. 18 to 24 in.  
**OLD PORT.** Plum color. 6 to 10 in.  
**PINK PEARL.** Rose pink. 15 to 18 in.  
**PROF. BETTEX.** Fine red. 10 to 15 in.  
**PROF. HUGO DE. VRIES.** A good pink. 10 to 15 in.  
**PURPLE SPLENDOUR.** Deep purple with black spots. 6 to 10 in., 10 to 15 in., 15 to 18 in., 24 to 30 in., 30 to 36 in.  
**ROMANY CHAI.** Deep velvety scarlet. 10 to 15 in.  
**SAPPHO.** White with deep purple blotch. 6 to 10 in., 15 to 18 in., 30 to 36 in., 36 to 42 in.  
**SOUV-DE DR. S. ENDTZ.** Deep rosy crimson. 15 to 18 in., 18 to 24 in.  
**TRILBY.** Deep crimson with dark blotch. 10 to 15 in., 18 to 24 in., 24 to 30 in.  
**UNIQUE.** Pale yellow. 10 to 15 in., 15 to 18 in.  
**UNKNOWN WARRIOR.** Fine bright red. 15 to 18 in.  
**VAN DER HOOP.** Tyrian rose. 10 to 15 in.  
**VAN WEERDEN POELMAN.** Crimson. 10 to 15 in.  
**VULCAN.** Very bright orange-red. 6 to 10 in., 10 to 15 in., 15 to 18 in.  
**VAN NES SENSATIONS.** Pale lilac. 10 to 15 in., 15 to 18 in.  
**VAN DER BROEKE.** Crimson. 15 to 18 in.  
**ZUIDER ZEE.** Lemon yellow spotted crimson. 6 to 10 in., 10 to 15 in.  
**\*KETTLEDRUM.** Bright crimson. 15 to 18 in.  
**\*SALVANI.** Purplish-red. 15 to 18 in., 18 to 24 in.  
**\*FORTUNEI X LADY CLEM. MITFORD.** A very good pink. 36 to 42 in.  
**\*ASTROSANGUINEUM X GRIERSONIANUM.** Handsome red.  
**\*ASTROSANGUINEUM X FLOCCIGERUM.** Fine red flowers, underside of leaves feltly greyish.  
**\*ASTROSANGUINEUM X ORBICULARE X WILLIAMSIANA.**  
**\*AURICULATUM X CATAW. X. FORTUNEI.**  
**\*CATAW. X DISCOLOR.**  
**\*CATAW. X FORTUNEI.**  
**\*MAXIMUM X DISCOLOR.**  
**\*MAXIMUM X AURICULATUM.**  
**\*MAXIMUM X FORTUNEI.**

## ADDITIONAL RHODODENDRON HYBRIDS

(Prices upon application)

Stock very limited, as follows:

- AUGFAST.** Blue, small leaves, fairly dwarf.  
**CARITA.** Fine yellow.  
**A. BEDORB.** Light blue with dark eye.  
**DAVID F. C. C.** Deep red.  
**DEVONSHIRE CREAM.** Rich cream.  
**DIANNE.** Pale yellow.  
**CHINA.** Creamy white.  
**EMBLEM PARK.** Yellow.  
**GLADYS.** Pale yellow.  
**LADY BESSBOROUGH.** Creamy yellow tinged pink.  
**MRS. BETTY ROBERTSON.** Handsome yellow.  
**MRS. PHILIP MARTINEAU.** Pink with pale yellow blotch.  
**MRS. FURNIVAL.** Pink with sienna blotch.  
**NAOMI (Early Dawn).** Pale pink.  
**SWEET SIMPLICITY.** White edged pink.  
**WHITE SWAN.** White, suffused delicate pink.

**RHODODENDRON SPECIES,  
AZALEODENDRON, ETC.**

- AMAGIANUM.** Red to brick red-deciduous. 6 to 8 in. \$1.50, 8 to 12 in. \$2.00, 12 to 15 in. \$2.50.
- ADENOPODUM.** Pale rose, leaves felty grayish on under-side.
- AMBIGUUM.** Yellow, spotted green, medium size leaves.
- AUGUSTINII.** Small bluish flowers and small leaves.
- AURICULATUM.** White to pale rose, large leaves. 6 to 10 in. \$2.00, 10 to 15 in. \$3.50.
- BLUE DIAMOND.** Small blue flowers, small leaves. 15 to \$3.50, 15 to 18 in. \$5.00.
- BLUE TIT.** Fine blue, with small leaves. 12 to 15 in. 18 in. \$5.00, 18 to 24 in., \$8.50.
- \***BRACHYCARPUM.** Creamy white to pink, compact grower.
- BRIC-A-BRAC.** Charming white, small leaves. 6 to 10 in. \$2.00.
- BROUGHTONII AUREUM (Azaleodendron).** Yellow, deciduous. 10 to 15 in. \$5.00.
- CAMPANULATUM.** Medium growth flowers, rosy to white. Pot plants, \$3.50.
- CONESTOGA.** Rose pink, small to medium size leaves, 15 to 18 in. \$4.00.
- COMEMAUGH.** Rose color, small to medium size leaves, upright habit. 24 to 28 in. \$8.00.
- CONEWAGO.** Deep pink, small to medium size leaves, tall grower. 18 to 24 in. \$5.00, 24 to 28 in. \$8.00.
- CAROLINIANUM.** Rosy pink paling to light pink.
- CHAPMANNII.** Bright rose color, rangy habit of growth.
- DECORUM.** White to soft rose, with large handsome leaves. 15 to 18 in. \$4.00, 24 to 30 in. \$7.50, 30 to 36 in. \$10.00.
- DRUMONIUM.** Medium to dwarf, small leaves, flowers mauve, spotted. Pot plants, \$3.50.
- FORTUNEI.** Pale rose pink, with handsome foliage, large and pale green. 24 to 30 in. \$6.00, 30 to 36 in. \$8.00, 36 to 42 in. \$10.00, 42 to 48 in. \$12.50.
- GLOMERATUM.** Light purple-mauve-small leaves, dwarfish. 8 to 10 in. \$2.00, 10 to 12 in. \$2.50.
- GRIERSONIANUM.** Bright geranium red. 15 to 18 in. \$5.00.
- HIPPHAEDOIDES.** Pale lilac to rose, small leaves, dwarfish. 10 to 15 in. \$2.50, 15 to 18 in. \$4.00.
- IMPEDITUM.** Mauve to light purplish-blue, dwarfish, compact grower, small leaves.
- KEISKEI.** Pale yellow, flowers early and the plant grows rangy. 36 to 42 in. \$12.50.
- KEISKEI X RACEMOSUM.** Creamy pink flowers crowd each branch. Upright growth forms a fine shaped plant, and the leaves are bright. 15 to 18 in. \$4.00, 18 to 24 in. \$6.00, 24 to 30 in. \$8.00.
- KELETICUM.** Very dwarf, small leaves, flowers purplish-crimson. Pot plants, \$3.50.
- MARIESII.** Rosy-purple, deciduous, and grows to 6 to 10 ft. 3½ to 4 ft. \$7.50, 4 to 5 ft. \$10.00.
- MICRANTHUM.** Milky white tiny flowers, leaves small, and growth shrubby.
- MAKINOI.** Soft pink flowers, leaves attractive, having underside felty gray.
- ODORATUM.** Pale lilac, sweetly scented flowers. Grows very erect and has medium size leaves. 24 to 30 in. \$5.00, 30 to 36 in. \$7.50, 36 to 42 in. \$10.00, 42 to 48 in. \$12.50.
- OREATREPES.** Mauve-pink. 10 to 12 in. \$2.50, 15 to 18 in. \$4.00.
- OLDHAMI.** Red, funnelform, leaves unusual, covered with brown glandular hairs. 15 to 18 in. \$3.50, 18 to 24 in. \$5.00, 24 to 30 in. \$6.50.
- PEMOKOENSE.** Pinkish-mauve bell shaped flowers, small leaves, shrubby low grower.
- PRAEVERUM.** Flowers flushed white, leaves of good sign, a compact dwarf growth. Pot plants, \$3.50.
- PUBESGENS.** Pinkish white flowers, small leaves, low grower. 10 to 15 in. \$4.00.
- PULCHRUM-TEBOTAN.** Rosy-purple double flowers, very unusual. 18 to 24 in. \$5.00, 24 to 30 in. \$6.50, 30 to 36 in. \$8.50.
- RACEMOSUM.** Dainty small pink flowers in abundance. Growth low and shrubby, with small bronze-green leaves. 6 to 10 in. \$2.00, 10 to 15 in. \$3.50, 15 to 18 in. \$6.00, 18 to 24 in. \$10.00.
- RUBIGINOSUM.** Rosy lilac flowers. Grows to small tree. 24 to 30 in. \$10.00.
- SAPPHIRE.** Blue flowers small, very lovely. 15 to 18 in. \$5.00.
- SIMMSII.** Off-red color, strong grower being quite rangy. 3 to 4 ft. \$6.00, 4 to 5 ft. \$7.50.

**SMIRNOWI.** Deep rosy pink. Leaves very attractive, having felted underside.

**SPECIES 130293.** Unidentified rhododendron from China. Flowers are quite large and pure white. Large light green leaves. 20 to 24 in. \$6.50, 24 to 30 in. \$8.50, 30 to 36 in. \$10.00.

**SPECIFERUM.** Small pink flowers. Very spready thin branches, graceful. 8 to 10 in. \$2.00, 10 to 12 in. \$3.00, 12 to 15 in. \$4.00, 15 to 18 in. \$5.00.

**SPINULFERUM.** Small crimson-red flowers. Low and graceful habit.

**WEYRICHII.** Brick-red flowers, and the plant will grow to 12-15 ft.

## BUXUS - BOXWOOD

### CULTURAL HINTS ON BOXWOOD

Boxwoods thrive very well in partial shade and prefer not to be fully exposed to hot sun. They like leaf compost about their roots and are good feeders. Very well rotted cow manure is good, and raw bone-meal seems to keep them sturdy. They do not like to become dry about the roots though they should never be planted in a remaining wet spot.

Lime and sulphur, "one gallon to 50 gallons of water," sprayed over the entire plant in June, will control both red spider and boxwood wilt. Both of these can kill boxwood in a very short time. DDT will control box-leaf minor and your State Entomologist can best advise how to use the DDT.

Cut honeysuckle placed over and around boxwood in late fall will protect the box during the winter. This permits the air to circulate through the box, yet prevents the sun from shining on the foliage. Mulching should also be placed around the ground to keep roots from freezing. Remove the honeysuckle before new growth starts in spring.

**BALEARICA.** Balearic Box; very handsome and rare, large leaves a fine green color, growth upright to about 10 ft.

**HARLANDI.** Compact Chinese species, usually less than 3 ft. Very distinctive narrow leaves  $1\frac{1}{2}$  in. long, a beautiful green. Splendid as hedge or specimen. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50, 12 to 15 in. \$3.00, 15 to 18 in. \$4.00, specimens 22 to 24 in. \$10.00, 24 to 28 in. \$15.00, specimens 28 to 32 in. \$18.50, 32 to 36 in. \$25.00.

**MICROPHYLLA.** Japanese species box, the leaves are small and soft green. Growth is dense and rarely over 5 ft. high. Flowers are most profuse in early spring, covering each bush with many small yellow flowers. Extremely hardy and one of the best. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50, 18 to 24 in. bedded close, slender plants \$3.50, heavy branched well developed bushy plants 24 to 28 in. \$10.00, 28 to 32 in. \$15.00, 32 to 36 in. \$18.50.

**MICROPHYLLA JAPONICA.** Leaves of japonica are much larger than the type. Stiff upright growth develops a fine very bushy plant up to about 6 ft. 3 ft. \$10.00.

**MICROPHYLLA Koreana.** Low growing box from Korea with spreading branches, forming a low mat. The leaves are small, and the plant is very hardy. 6 to 8 in. \$1.00, bushy 15 to 18 in. \$4.00, bushy 18 to 20 in. \$6.00.

**MICROPHYLLA sinica.** Chinese variety branched horizontally. The leaves are a light green, being orbicular in shape. Pot plants, 4 to 6 in. \$1.00.

**MICROPHYLLA var-compacta.**

**KINGSVILLE DWARF BOXWOOD.** Rare and extremely dwarf, being densely crowded with short twiggy branches. Tiny leaves of rich green makes the plant a perfect solid mound. The box has been tested for hardiness as far north as Canada, in the New England states, and in southern states, proving it will take cold and heat. It also stands and tolerates long dry spells without damage. There is no other boxwood like it and is a rare gem.

6 to 7 in. wide,	4 to 6 in. high,	\$2.00;	\$15.00 per ten
7 to 8 in. wide,	4 to 6 in. high,	2.50;	20.00 per ten
8 to 9 in. wide,	4 to 6 in. high,	3.00;	25.00 per ten
9 to 10 in. wide,	5 to 7 in. high,	3.50;	30.00 per ten
10 to 12 in. wide,	6 to 7 in. high,	4.00;	35.00 per ten
12 to 14 in. wide,	7 to 9 in. high,	7.00;	65.00 per ten
14 to 16 in. wide,	8 to 10 in. high,	10.00;	90.00 per ten
16 to 18 in. wide,	10 to 12 in. high,	15.00;	140.00 per ten
18 to 20 in. wide,	11 to 12 in. high,	18.50;	175.00 per ten

Few larger specimens still available, quotations upon application. The above plants range in age from 7 to 8 years up to 23 years old.

**MICROPHYLLA** var. green pillow. A new introduction which we are offering for the first time. The habit of growth is almost identical to that of var. compacta, but the leaves are just about twice as large. It is a dense, low, twiggy branched plant, forming a perfect mound. Being a sister to the var. compacta, it should be just as tough and hardy. Another real gem.

9 to 10 in. wide, 5 to 6 in. high.....	\$3.50 each
10 to 12 in. wide, 5 to 6 in. high.....	4.00 each
12 to 14 in. wide, 6 to 8 in. high.....	7.00 each
14 to 16 in. wide, 7 to 9 in. high.....	10.00 each

**MICROPHYLLA** Kingsville 2A. Bright shiny green leaves, rather rounded and thick. This box prefers shade, where it will develop as wide as 6 ft., when only 4 to 5 ft high. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50.

**MICROPHYLLA**, var. Curly Locks. Small dark green leaves on branches which have a curling or twisting habit. It is different among boxwoods in its habit of growth; so much so, no other boxwood resembles it. The spreading, arching growth forms a beautiful plant as a specimen, and one of the handsomest of box. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50, 10 to 12 in. \$2.00, 12 to 15 in. \$3.50, 15 to 18 in. \$5.00, 18 to 24 in. \$7.50.

**MICROPHYLLA**-Kingsville 4A. A very fine, densely branched, wide-spreading boxwood with handsome thick dark green leaves of good size. In partial shade perfect specimens develop, usually about a third broader than tall. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50. Heavy specimens 30 in. B&B, \$15.00.

**SEMPERVIRENS**. Well-known box of fairly strong growth, used both as specimens and hedge planting. 15 to 18 in. \$2.00, 18 to 24 in. \$3.50.

**SEMP. ELEGANTISSIMA, argenteo-variegata**. Narrow leaves having silver variegation along the edge. This box develops into beautiful specimen plants quite showy. 6 to 8 in. \$1.00, 15 to 18 in. \$3.00, 18 to 24 in. \$4.50, 24 to 30 in. \$6.00.

**SEMP. AUGUSTIFOLIA-salicifolia**. Narrow, pointed leaves, dark green. Pyramidal habit of growth, and develops quite dense. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50, 10 to 12 in. \$2.00.

**SEMP. ABORESCENS-tree box**. A very strong growing boxwood of rangy branching habit. This box will grow to 25 ft., and, when large, it produces pendulant branches quite effective. 2 to 3 ft. \$5.00, 3 to 4 ft. \$7.50.

**SEMP. AUREA MACULATA-aurea**. Good size leaves variegated green and yellow, or entirely yellow. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50.

**SEMP. AUREA MACULATA, var. Pendula**. A fine weeping form of the preceding boxwood. 5 to 6 in. \$1.00.

**SEMP. GLAUCA**. Strong growing box with bluish-green leaves. Broad pyramidal form. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50.

**SEMP. HANDSWORTHENSIS, candelabra box**. Opposite leaf formation gives a squared effect as they form on strong growing branches. Compact and very upright growth makes this a very fine boxwood. Strong grower. 12 to 15 in. \$2.00, 15 to 18 in. \$2.50, 42 to 48 in. B&B \$20.00, 48 to 52 in. \$25.00.

**SEMP. MARGINATA-aurea marginata**. Bright leaves of green and yellow. The plant grows rangy and forms a wide spreading plant up to 18 ft. high and wide. 12 to 15 in. \$2.00, 15 to 18 in. \$2.50.

**SEMP. MIRTIFOLIA**. Dark green Myrtus-like leaves fairly small. Habit of growth is slow, but will develop into a very nice pyramidal form. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50, 10 to 12 in. \$2.00.

**SEMP. LATIFOLIA MACULATA-japonica aurea**. Very compact growth forming a dense small pyramidal plant. Broad green leaves are suffused golden yellow when first developing in spring, changing to handsome green during summer, with an occasional edging of yellow. 5 to 6 in. \$1.00, 6 to 8 in. \$1.50, 10 to 12 in. B&B \$2.50, 15 to 18 in. \$4.00, 18 to 22 in. \$7.50.

**SEMP. LATIFOLIA MACROPHYLLA-rotundifolia**. Handsome round leaves of large size, and a good dark green. A strong grower which develops into handsome specimens as they age. A very fine boxwood. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50, 3 to 4 ft. B&B \$8.50, 4 to 5 ft. B&B \$10.00, 5 to 6 ft. B&B \$15.00.

**SEMP. MYOSOTIFOLIA.** Very slow growing, forming solid compact plants even when very small. Leaves are small, dark glaucous color. 5 to 6 in. \$1.00, 6 to 8 in. \$1.50.

**SEMP. PENDULA.** A true weeping boxwood, densely branched, and a fine dark green. 6 to 8 in. \$1.50, 8 to 10 in. \$2.00.

**SEMP. PROSTRATA.** Has a low spreading habit of growth, quite different among box. Leaves are a fine dark green. 5 to 6 in. \$1.00, 6 to 8 in. \$1.50.

**SEMP. PYRAMIDALIS-Hardwickensis.** Columnare form, rarely more than 12 in. wide when 6 ft. high. One of the finest of box in columnae or pyramidal form. Dark green. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50, 10 to 12 in. \$2.00, 5 to 6 ft. B&B \$15.00.

**SEMP. ROSMARINFOLIA-Thymifolia.** Extremely slow growing, dwarf form with tiny rosemary-like dark green leaves.

**SEMP. SALICIFOLIA-ELATA.** Large growing shrublike box of dense habit. Leaves narrow and pointed, a dark green. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50.

**SEMP. NAVICULARIS.** Upright growing box, compact, and develops into handsome specimens. Rich green leaves recurve as they develop. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50.

**SEMP. PYRAMIDALIS-VARIEGATA.** This box is not unlike the variety *Latifolia maculata*, but our plants are still small and may develop differently after they gain size. Broad green leaves are suffused golden yellow. 5 to 6 in. \$1.00, 6 to 18 in. \$1.50.

**SEMP. MACROPHYLLA.** See *Latifolia macrophylla*.

**SEMP. SUFFRUITICOSA.** English boxwood, slow growing, compact form. Well known as an edging box, and as handsome larger specimens when quite old.

6 to 8 in. \$1.00 each, \$8.50 per ten, \$70.00 per 100.

8 to 10 in. \$1.50 each, \$13.50 per ten, \$120.00 per 100.

10 to 12 in. \$2.50 each, \$22.50 per ten.

12 to 15 in. \$4.00 each, \$37.50 per ten.

15 to 18 in. \$6.00 each, \$55.00 per ten.

18 to 20 in. \$7.50 each, 20 to 22 in. \$8.50 each, 22 to 24 in. \$12.50 each, 24 to 30 in. \$22.50 each, 30 to 36 in.

\$40.00 each, 36 to 42 in. \$60.00 each, 42 to 48 in. \$75.00 each, 48 to 52 in. \$100.00 each.

Sizes 24 to 30 in. and up are measured in spread, not height.

**SEMP. VARIFOLIA.** Leaves much like *Japonica*, though smaller when new growth is first made. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50.

**SEMP. VARIEGATA.** Free growing box with variegated leaves green and yellow, turning silvery. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50.

**SEMP. WELLERI.** Strong growing box of very dark green color, and very hardy. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50.

**SEMP. Northern New York.** Selection of box that has been hardy in upper New York State. Strong grower, very dark green leaves, 6 to 8 in. \$1.00, 8 to 10 in. \$1.50.

**SEMP. JOE GABLE.** Dark green leaves, holding its color in very cold weather. Growth is fast and strong, and it is apparent that this box will develop to quite a large size. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50.

**SEMP ANDERSON—789-34.** Compact growth of good form. Leaves are a good green and holds color well in winter. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50, 18 to 24 in. \$6.00.

**SEMP. ANDERSON—350-35.** Tight, slow growing box similar to *suffruiticosa*. Neat, dwarf and hardy. 4 to 6 in. \$1.00, 6 to 8 in. \$1.50, 10 to 12 in. \$2.50, 12 to 15 in. \$4.00.

**SEMP. ANDERSON—351-35.** Upright growing box with very dark green leaves. Fine compact grower and should make a handsome plant as a specimen. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50.

**SEMP. ANDERSON—352-35.** Box with spreading habit, yet central growth is full. Neat form, apparently remain medium low and wide. Handsome leaves rounded, and dark green. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50, 10 to 12 in. \$2.00, 12 to 15 in. \$3.00, 15 to 18 in. \$4.00.

**SEMP. ANDERSON—353-35.** Strong growing box with shiny dark green leaves and a dense growth. Very hardy and a splendid boxwood. 6 to 8 in. \$1.00, 8 to 10 in. \$1.50.

**ABIES—FIRS**

**BALSAMEA.** Rapid, slender grower with purple cones. Foliage silvery underneath, which emits a spicy odor when bruised.

**CEPHALONICA.** Rigid, shape-pointed, broad needles. A spreading, very stately tree.

**CILICICA.** Slender grower, with very dark green, narrow foliage. Young growth is of a very fine color and produces a cheerful effect in spring.

**CONCOLOR.** Tree of graceful, stately habit; grows rapidly. Broad, silvery-green foliage. Cones of purple or yellow. Very hardy.

**FIRMA.** Tree of compact habit, slow grower and noble aspect. Fine large leaves, which have a glabrous surface.

**FRAZERI.** Similar to the Balsam Fir, but richer and more beautiful in appearance. Quickly forms a slender, pyramidal tree. The fragrant leaves are glaucous underneath. Very hardy.

**HOLOPHYLLA.** Fast growing tree, with spiny-pointed leaves of lustrous green above, paler beneath. Horizontal branching habit gives the Fir a very distinguished appearance.

**NORDMANNIANA.** Tree of medium size, but of symmetrical form and majestic growth. Branches horizontal, with large, massive, dark green foliage, glaucous underneath. Cylindrical cones of orange-brown, producing a rich effect.

**PINSAPO-GLAUCA.** Upright grower with horizontal branches. Foliage is short, wide and fleshy. The color is a pleasing silvery-green. Branches are stiff, spring up from all sides. Very distinct.

**VEITCHII.** Upright grower of slender outline. Foliage is slightly grooved and silvery-blue on undersurface. Handsome.

The above firs can be supplied from 4 in. pots, 2 and 3 yr., \$2.00 each.

**ACER—MAPLES**

**PLATANOIDES COLUMARIS.** Norway maple of columnar growth. An excellent tree for planting in a narrow area. Leaves a good green all summer, changing to yellow in fall. 4 to 5 ft. \$2.50, 5 to 6 ft. \$4.00, 6 to 8 ft. \$7.50.

**PLATANOIDES GLOBOSUM.** Well rounded, compact globe form with leaves turning bright yellow in autumn. Standards: 5 to 6 yr. heads, 30 to 38 in. wide, \$10.00 each.

**SACCHARUM MONUMENTALE.** RARE MONUMENTALE SUGAR MAPLE. A tree of rarity and great beauty. The very narrow upright form of this tree, it's monument of rich green during summer, and it's impressive rich autumn color of golden-red, makes this tree one of the handsomest. Stock limited. 2 to 3 ft. \$5.00, 3 to 4 ft. \$7.50, 4 to 5 ft. \$10.00, 5 to 6 ft. \$12.50, 6 to 7 ft. \$15.00, 7 to 8 ft. \$25.00.

**SACCHARUM GLOBOSUM.** RARE GLOBE FORM OF THE SUGAR MAPLE. Very handsome, shrubby form, being broader than tall. Low grafted tree will form a ball 20 ft. high and 25 ft. wide. The foliage coloring in the fall is rich golden-red, displaying one of the most ornamental plants of rare beauty. Standards: 5 to 6 yr. heads, 30 to 38 in. \$10.00. Old plants, large heads, \$15.00 to \$25.00. Low grafts—bush forms, 2 to 3 ft. \$5.00, 3 to 4 ft. \$8.50, 6 to 8 ft. \$15.00. Low grafts—heavy specimens, \$25.00.

**CAMPESTRE COMPACTUM.** Compact hedge maple. Dense growing, rounded shrubby tree with small leaves a dull green. The bark becomes corky as the tree ages, and the leaves turn a lovely yellow in fall. Small standard form plants: 2 to 3 yr. heads \$4.00, 3 to 4 yr. heads \$6.00.

**CIRCINATUM.** Vine maple. Throughout the entire summer and fall the foliage is rich in tints of yellow, orange and crimson shades. 12 to 15 in. \$1.00, 15 to 18 in. \$1.50, 24 to 30 in. \$2.50.

**CRATAEGIFOLIUM.** Hawthorne maple. Tree to about 30 ft. Leaves large and deeply cut. 2 yr. seedlings: 50 cents each, \$4.00 per 10.

**GRISSEUM.** Paperbark maple. Tree to 25 ft. with cinnamon-brown bark separating in thin papery flakes. Remarkable for flaky bark resembling that of the River Birch, but even richer, having a golden-cinnamon color once the tree develops. This tree is seldom seen in our gardens. 3 to 4 ft. \$7.50, 4 to 5 ft. \$10.00, 5 to 6 ft. \$12.50, 6 to 8 ft. \$17.50.

## ACERS—ASIATIC MAPLES Extremely Rare

Our stock of these rare, colorful maples is limited. We do have a few of each variety, though not many. Our aim is to propagate these beautifully colored leaved maples as quickly as possible, but it has been very slow and will take a few more years before we can offer them in quantities.

3 yr. grafted, in pots, \$4.00 each

4 yr. grafted, in pots, \$7.50 each

5 to 6 yr. grafted, in pots, \$10.00 to \$15.00 each

We have some varieties in large sizes and will be pleased to quote.

Orders will be filled with whatever size we can supply of the variety ordered (we do not have all of the varieties in all of the sizes mentioned above).

**We believe the following list of Asiatic Maples, in true to name varieties, is the largest collection offered in America.**

The following are all **Palmatum** types.

**ATROPURPUREUM.** Red leaved, large regular palmate true color.

**ATROP. VARIEGATUM.** Blood-red leaves with deep pink variegations.

**ATROP. YEZO-NISHIKI.** Blood-red leaves with vermillion variegations.

**ATROP. NOMORA-NISHIKI.** Dark red leaves with brown and light variegations.

**ATROP. DISSECTUM.** Blood-red leaves delicately cut, feathery like, weeping branches and graceful.

**ATROP. DISSECTUM VARIEGATUM.** White, pink and green variegations, in delicately cut leaves, weeping branches and graceful.

**DISSECTUM PALMATIFIDUM.** Green leaved delicately cut, weeping.

**AOYAGI.** Yellowish green palmate leaves.

**AUREA-VARIEGATUM.** Green leaves with yellow and yellowish-green variegations.

**KOSHIMINO.** Green narrow leaves with cut, several leaves spouted from one leaf-stalk.

**MURAKUMA.** Green with yellow shading spots.

**OGINONAGARE.** Shrunked green leaves with deep cut, narrow leaves.

**OKUSHIMO.** Deep green palmate leaves with up-curled edges.

**OSAKADZUKI.** Large palmate leaves, yellowish light green, changing to blood-red in autumn.

**OSHIO-BENI.** Brilliant red leaves all summer. One of the best reds.

**RETICULATUM.** Palmate leaves yellowish white with green veins appearing very distinctly, showing net work.

**ROSEUM.** Green leaves with occasional deep-pink margin.

**ROSA-MARGINALIS.** Small green leaves, showing a pink margin as the tree becomes of size.

**SAGARA-NISHIKI.** Green leaves with a distinctive marking of pink and yellow mixed, spotted margin.

**SCOLOPENDRIFOLIUM GREEN.** Green leaves cut to center, narrow leaflets.

**SCOLOPENDRIFOLIUM RUBRUM.** Dark red leaves, same as preceding variety.

**SANGUINEUM CHISHIO.** Small red leaves, being very bright in spring.

**SANGUINEUM SEIGAI.** Small leaves are most attractive crimson in early spring.

**SANGOKAKU.** Small green palmate leaves. This maple is most attractive for its brilliantly colored bark, which is coral to vermillion scarlet all winter.

**SHISHIGASHIRA.** Very small green leaves which are crinkly. Dwarf.

**TSUKUMO.** Crispy-shrunked crinkly leaves, green. Dwarf.

**TSUMAGAKI.** Handsome yellow-green leaves with warm sepia tips and margin to the middle of the cuts.

**VERSICOLOR.** Green with white, pink and light green variegations.

**JAPONICUM.** Large palmate green leaves in spring and summer, turning amber-green to autumn-red in fall.

**JAPONICUM-AUREUM.** Obtusely cut, golden-yellow leaves all summer.

**JAPONICUM-JUNIHITOE.** Light green leaves, obtusely cut.

**JAPONICUM-FILICIFOLIUS.** Handsome variety with deeply lobed leaves, green in summer, rich ruby-crimson in fall.

**JAPONICUM-ITAYA.** Very large round leaves of pale green all summer. Obtusely cut.

The majority of inquiries for Asiatic maples are for those with red leaves. Among those listed precedingly, are varieties that do not have red leaves, as noted, but we suggest these because of the variation of colors during the season. The rich coloring displayed by each, and their changing of color as the season advances, makes them well worth a good position in our gardens and landscape.

### ADINA

**RUBELLA.** Rare deciduous shrub with handsome reddish-green leaves during the entire summer. Flowers borne along the branches are small, sphere-shaped, in cream color and each spire has a red tip. A very unusual shrub which is perfectly hardy here in Maryland, though it may need some protection farther north. Should be pruned back each spring, the same as Buddleia to produce new growth from the base, on which it flowers during the summer. 2 to 3 ft. \$5.00, 3 to 4 ft. \$7.50.

### AESCRULUS—HORSE CHESTNUTS

**PARVIFLORA (MACROSTACHYA).** Dwarf. This white flowering shrub forms a very broad plant and rarely grows higher than 15 to 18 ft. It will grow as broad as 25 ft., and is most attractive when planted in semi-shade, where it does extremely well. The entire bush is covered with spikes of creamy-white flowers in June and July. 18 to 24 in. \$2.50, 24 to 30 in. \$3.50, 30 to 36 in. \$4.50, 3 to 4 ft. \$6.00.

**PAVIA-HUMILIS.** Another dwarf form of the Horse Chestnut with orange-red flowers in spring. Transplants best in spring. 3 to 4 ft. \$3.00, 4 to 5 ft. \$4.00, 5 to 6 ft. \$6.00, 6 to 7 ft. \$7.50.

### AMELANCHIER

**CANADENSIS.** Large bush or small tree literally covered with white flowers in early spring, followed with fruit that is attractive to birds. 2 to 3 ft. \$1.50, 3 to 4 ft. \$2.00, 4 to 5 ft. \$2.50.

### BERBERIS

**CANDIDULA.** Dwarf evergreen berberis. Very dark green leaves with spiny edge and golden-yellow flowers. Small pot plants, 75 cents each.

**JULIANAE.** Strong growing evergreen berberis with yellow flowers. Foliage turns a very brilliant color in fall. 36 to 42 in. \$8.50 each B & B.

**JULIANAE PYRAMIDALE.** Flowers and foliage identical of preceding, but differs in habit of growth. A pyramidal plant of very compact growth is formed without shearing, as the plant develops. Colors well in fall. 12 to 18 in. potted plants \$2.50, 18 to 24 in. potted plants \$3.00.

**THUNBERGI - ARGENTEO - MARGINATA. (KINGSVILLE TYPE).** Deciduous berberis, originating here at Kingsville. Habit of growth similar to Thunbergi but color of foliage is variegated, containing green, white and pink. In fall these three colors turn into a showy autumnal color. 15 to 18 in. 75c, 18 to 24 in. \$1.50, 24 to 30 in. \$2.00.

**BERBERIS THUNBERGI.** Var. crimson pygmy. A beautiful dwarf barberry with bright red leaves and compact growth. A gem among dwarf plants. Pot plants, 4 to 5 in. 75c. Field plants, 6 to 7 in. \$1.50.

### CAMPsis

**GRANDIFLORA.** Chinese trumpet vine of strong growth. Clusters of orange-red flowers in summer. 3 yr. strong pot plants \$2.00.

**MME. GALEN.** Trumpet vine of strong growth with flowers very showy, salmon-red in summer. 3 yr. strong pot plants \$2.00.

**RADICANS-FLAVA.** Trumpet vine of strong growth with flowers very showy, golden yellow. 3 yr. strong pot plants \$2.00.

### CEDRUS

**LIBANI.** (The Cedar of Lebanon). Evergreen tree of great height. A very handsome and stately tree of characteristic appearance. Pot plants, 12 to 18 in. \$3.50.

**LIBANI-SARGENTI.** A weeping form of the Cedar of Lebanon. Pot plants, 18 to 20 in. \$4.00, 24 to 30 in. \$7.50.

**CERCIDiphyllum**

**JAPONICUM** (Katsura Tree). Small tree, assuming a rich coloring of leaves in fall. 18 to 24 in. 75c, 24 to 30 in. \$1.50, 30 to 36 in. \$2.00, 3 to 4 ft. \$3.50.

**CERCIS**

**CANADENSIS** (American Redbud). Large shrub or small tree with rosy-pink flowers in very early spring, borne along the stems. 3 to 4 ft. \$2.00, 4 to 5 ft. \$2.50.

**CANADENSIS ALBA**. A handsome white flowering form of the well known American Redbud. Spreading branches are entirely filled with dainty white flowers in early spring before the leaves appear. During the summer the leaves are very attractive. 3 to 4 ft. \$5.00.

**CHINENSIS** (Chinese Redbud). A very branched shrub or small tree, up to 10 to 15 ft. high. Flowers are large and of deepest pink before the leaves appear. Very showy. 12 to 18 in. \$1.00, 18 to 24 in. \$1.50, 24 to 30 in. \$2.50.

**CHAENOMELES—FLOWERING QUINCES**

These hybrid varieties in flower are resplendently beautiful, then they are followed with large fruits, many turning handsomely colored in fall. They are hardy and need no special soil nor position; however, they are at their best in full sun and not crowded.

We believe the following varieties are all true to name and we make every effort to keep them true.

**ALBA ROSEA**. Bud apple-blossom pink, opening white tinged pink.

**ATROCoccinea**. Bud red, opening coral-red.

**APPLE BLOSSOM**. Bud deep pink, opening lovely pink and white.

**BOULE DE FUE**. Bud and flower deep scarlet.

**BONFIRE**. Bud red, opening soft bright red. Very handsome.

**CANDIDA**. Bud and flower creamy-white.

**CARDINALIS**. Bud deep scarlet, opening bright rosaceous.

**CORALLINA**. Bud deep coral, opening coral glow.

**CORAL SEA**. Soft Chinese coral at base, gradually deepening to soft mandarin-red at tips.

**CRIMSON BEAUTY**. Bud deep red, opening brilliant crimson-red.

**CRIMSON AND GOLD**. Bud crimson, opening crimson with golden center.

**COLUMBIA**. Bud pink, opening creamy-coral to pink.

**ENCHANTRESS**. Bud deep pink, opening lovely shell-pink.

**GRANDIFLORA**. Bud pink, opening faint lemon and pink.

**GRANDIFLORA ROSEA**. Bud deep pink, opening flesh-pink.

**GRANDIFLORA RUBRA**. Bud red, opening deep rose.

**INCENDE**. Bud and flower deep amber. Flowers double.

**JAP. SCARLET**. Bud and lower deep red.

**KNAP HILL**. Bud scarlet, opening fiery-scarlet.

**KERMESIANA SEMI-PLENA**. Bud crimson, opening coral-pink flaked red.

**MASTERPIECE**. Bud scarlet, opening rosy-scarlet.

**MARMORATA**. Bud coral-pink, opening lovely pink and white.

**MOERLOOSEI**. Bud white and scarlet, opening light and deep apple-blossom.

**MACROCARPA**. Bud orange, opening light orange-red.

**MOUNT EVEREST**. Bud white, opening white to blush-pink.

**NIVALIS**. Bud and flower pure white.

**PINK BEAUTY**. Bud rose, opening clear pink shading rose.

**ROSEMARY**. Bud rosy-red, opening deep rose.

**PYGMEA**. Dwarf. Bud vermillion, opening deep salmon.

**SANGUINEA**. Bud and flower red.

**SIMONII**. Bud deep red, opening deep bright burgundy-red.

**SUPERBA PERFECTA**. Bud pale pink, opening cream to light pink.

**SUPERBA ATROSANGUINEA**. Bud and flower bright orange-red.

**SUPERBA GRANDIFLORA**. Bud deep rose, opening rosy-pink.

**SEMPERFLORENS**. Bud and flower coral-rose.

**SUNSET GLOW**. Bud red, opening brilliant red to dark rose.

**VERSICOLOR**. Bud coral, opening coral-rose to flesh and cream.

**VERMILLION.** Bud scarlet, opening scarlet-vermillion.

**VERMILLION Double.** Bud scarlet, two rows petals opening scarlet-vermillion.

**WILSONII (Cathayensis).** Chinese. Very tall grower with large fruit, flowers white flushed pink.

**SINENSIS.** Cydonia, "The Chinese Quince." Flowers pale carmine, fruit very large, up to seven inches, pale lemon-yellow. Sinensis is a small tree form, not a shrub.

Flowering Quinces are difficult to state sizes available due to constant sales made of them. However, we can supply most all of them in sizes at \$1.00 and \$1.50 each.

Some varieties are available: Sizes \$2.50 to \$7.50 each if interested in fine larger plants.

### CHAMAECYPARIS

Evergreen trees. Number of them grow very large, while others remain dwarf. They are noted for their foliage which runs from the darkest of green, to pale creamy green, to golden-yellow, and to blue. Many times some of the largest growing Chamaecyparis are planted near the foundation of a house, which is entirely wrong. We shall try to give ultimate size each tree grows as a guidance that no error is made selecting positions. The real dwarf forms are ideal in the rockery.

**LAWSONIANA FLETCHERI.** Pyramidal form to about 8 ft. Foliage glaucous-blue, is very feathery. 24 to 30 in. B&B \$5.00, 30 to 36 in. B&B \$6.50, 36 to 42 in. B&B \$8.50.

**LAW. HILLIERI.** Strong grower with yellow foliage. Tips of branches a bit pendant. Small pot plants \$1.00.

**LAW. KNOWEFIELDENSIS.** May be one of the dwarfer forms. Branches arch, forming a clustered low-growing plant. Foliage is glaucous to sage-green. 2 to 3 yr. plants \$2.00.

**LAW. NIDIFORMIS (Birdsnest Cypress).** Low growing, being about as high as wide, and compact. The foliage is glaucous-blue. 2 to 3 yr. plants \$2.00.

**LAW. TRIOMPHE DE BOSKOOP.** Handsome blue cypress, narrow, upright and compact growth. Will attain height up to 40 to 50 ft. 2 to 3 ft. B&B \$5.00, 3 to 4 ft. B&B \$7.50.

**OBTUSA. CRIPPSI.** Tree of moderate size, or up to 30 ft. Foliage a bright golden-yellow. Small pot plants \$1.00.

**OBT. GRACILIS (Magnifica).** A very handsome compact, slow growing tree, with beautiful dark green leaves on branches that twist or curl. Extremely handsome as a specimen, although because of its slow growth, it can be used in plantings near the house. 3 yr. grafts, pot plants, \$3.00.

**OBT. GRACILIS NANA.** Very dwarf compact form, ideal for rockeries. Leaves a dark green, form in fan-shape on twiggy branches. 2 yr. grafts, pot plants, \$2.00. 3 yr. grafts, pot plants, \$3.00. 18 to 20 in. field plants B&B \$10.00, 20 to 22 in. field plants B&B \$15.00, 22 to 24 in. field plants B&B \$18.50, 24 to 30 in. field plants B&B \$22.50, 30 to 36 in. field plants B&B \$25.00, 36 to 42 in. field plants B&B \$30.00.

**SQUARROSA NANA.** Dwarf. Beautiful bluish-gray in mound form, and very hardy. 2 yr. pot plants \$2.00.

**THYOIDES.** This very distinct juniper-like cypress is very hardy. It is slow growing and has a very upright narrow form, spire-like. Foliage is green. It will grow to about 40 ft. Small pot plants \$1.00, 15 to 18 in. B&B \$3.00.

### CHIMONANTHUS

**FRAGRANS (Praecox).** Chinese winter sweet-shrub. Pale yellow, sweet scented flowers stained purplish at center, appearing on leafless branches during January and February. Strong growing shrub. 12 to 18 in. \$1.00, 18 to 24 in. \$2.00, 24 to 30 in. \$2.50.

### CHIONANTHUS

**RETUSA.** Chinese white fringe tree. A very handsome tree with profusion of snow-white flowers. One of the handsomest of small trees flowering in the spring. 15 to 18 in. \$2.00, 18 to 24 in. \$2.50, 2 to 3 ft. \$3.50, 3 to 4 ft. \$5.00, 4 to 5 ft. \$6.50, 5 to 6 ft. \$8.00, 6 to 7 ft. \$10.00.

**VIRGINICA.** American white fringe tree. Very showy and pleasing with its many small white flowers in spring. Followed by dark blue fruit. A tree of charm. 4 to 5 ft. \$2.50, 5 to 6 ft. \$3.50.

**CLADRASTIS**

**LUTEA (Tinctoria).** Yellow-wood tree. Handsome with its lovely white pea-shaped flowers in May. Fragrant. 18 to 24 in. \$1.00, 24 to 30 in. \$1.50, 30 to 36 in. \$2.00.

**CLETHRA**

**ALNIFOLIA.** Shrub with spikes of whitish flowers during summer. Likes a moist position. Fragrant. 2 to 3 ft. \$2.00, 3 to 4 ft. \$3.50.

**ALNIFOLIA ROSEA.** Shrub similar to preceding in growth, which sends out many new shoots from beneath the ground and colonizes itself, making a group of many stems. The flowers, instead of being white as those of the preceding, are a very delicate pink with a fragrance most pleasing. We consider this shrub among the finest and desirable because of its attractive flowers, fragrant, during July and August. 2 to 3 ft. \$2.50, 3 to 4 ft. \$4.00, 4 to 5 ft. \$5.00.

**BARBINERVIS (Oriental).** A strong growing shrub with fragrant white flowers borne in panicles during the summer. Wooly leaves are attractive yellow in fall. Grows to about 10 ft. 6 to 7 ft. \$7.50.

The preceding Clethras, also known as Pepper-bush, are well worth their position in the garden or shrub border. They flower during the summer when flowers are needed and they have a fragrance which is most pleasing. They will take partial shade and like moisture.

**CORNUS—DOGWOODS**

**CONTROVERSA.** Large dogwood tree to 30 ft. Long sweeping tabulated branches are clothed with clusters of creamy colored flowers in May. In fall the small berries are metallic-blue. Lateral branches are in tiers, attracting much attention and making quite a lovely picture with sky-line as a background. 5 to 6 ft. \$6.00, 6 to 7 ft. \$7.50.

**FLORIDA.** Well known American white flowering dogwood. A tree that everyone enjoys. 3 to 4 ft. \$3.00, 4 to 5 ft. \$4.00, 5 to 6 ft. \$5.00.

**FLORIDA PENDULA.** The weeping form of the American white flowering dogwood. Branches decidedly pendant.

**FLORIDAPLENA.** The American dogwood with white, double flowers. As the tree develops, the double flowers become more attractive, so much so, that when the double flowering dogwood attains the height of 10 to 15 ft. the display is superb. Never judge it while the tree is young. 24 to 30 in. \$2.50, 30 to 36 in. \$3.25.

**FLORIDA RUBRA.** Handsome American dogwood with large pink flowers. This is one of the handsomest of all flowering trees, and when planted or grouped among the white flowering dogwood, there is no other group of trees that can equal their beauty. 18 to 24 in. \$2.50, 24 to 30 in. \$3.50, 30 to 36 in. \$4.50.

**FLORIDA SALICIFOLIA.** American white dogwood with willow-like leaves. Flowers are white and the leaves are very narrow, turning a gorgeous coloring in fall. The growth is very twiggy and dense and usually not as fast growing as the preceding. We consider it a real gem. 4 to 5 ft. \$7.50, 5 to 6 ft. \$10.00, 6 to 7 ft. \$12.50, 7 to 8 ft. \$15.00.

**FLORIDA WELCHI.** American dogwood tree with variegated leaves, yellow and green. Flowers are white, and in fall the leaves turn an autumnal color which is hard to equal.

All of the above American dogwoods are noted for their flowers in spring and their handsome color of foliage in fall. They like a soil that is made of leaf-compost, and are best in full sun, though they will grow in partial shade, but the branches become more open. If you only have room for one flowering tree, the American dogwood should be your selection.

**KOUSHA (Japanese Dogwood).** Late flowering dogwood with flowers creamy-white in late May. Fruit large, colored red in fall.

**KOUSHA CHINENSIS (Chinese Dogwood).** The white bracts are much larger than the preceding, and in fall the leaves are highly colored. 18 to 24 in. \$3.00, 24 to 30 in. \$3.75, 30 to 36 in. \$4.50.

**MAS.** The Cornelian Cherry. Shrub or small tree noted for its early flowering. Small yellowish flowers appear over the entire tree in early March. The fruit is red. 2 to 3 ft. \$1.50, 3 to 4 ft. \$2.50.

### Shrub Flowering Dogwoods

**PANICULATA.** Shrub blooming in spring, followed with attractive grayish-white berries in fall. 3 to 4 ft. \$1.50, 4 to 5 ft. \$2.00, 5 to 6 ft. \$3.00.

**ALBA ARGENTEO-MARGINATA.** Shrub with very bright silver and green leaves. Handsome in partial shade. 2 to 3 ft. \$2.00.

**RUGOSA (Circinata).** Roundleaf dogwood. Attractive dogwood in shrub form with glossy green, round leaves. Fruit is light blue to greenish-white. Prefers a moist position and partial shade. Very fine along streams. 18 to 24 in. \$1.50.

**CORNUS ALTERNIFOLIA.** Shrub or small tree. Spreading in irregular whorls, forming horizontal tiers. Fruit bluish-black on red pedicles. 18 to 24 in. \$1.25, 24 to 30 in. \$1.75.

### CORYLOPSIS

**PAUCIFLORA.** Densely branched shrub, flowering in early March. The flowers hang in pendant spikes, primrose-yellow to deep golden-yellow, are generally fragrant. This variety grows to about 4 ft. Small plants, 2 yr., \$1.50.

**PLATYPETALA.** Shrub to about 10 ft. with handsome pendant spikes of flowers, primrose-yellow to golden-yellow.

**GLABRESCENS.** Fragrant winter hazel shrub about 20 ft. Pale yellow flowers, fragrant, in pendulous racemes. Small plants, 2 yr., \$1.50.

**SINENSIS.** Tall growing shrub up to 10 to 12 ft. Handsome in flower with its pendant spikes beginning to open in early March, sometimes even when snow is still on the ground. Color of flowers is soft primrose-yellow to deep golden-yellow, and are fragrant. Usually the spikes are about 4 to 6 in. long. The leaves are striking, first being a reddish-green, developing large oblong-obovate shape, a soft green. This shrub is handsomely graceful. 12 to 18 in. \$1.50, 18 to 24 in. \$2.00, 24 to 30 in. \$2.50, 30 to 36 in. \$3.00, 3 to 4 ft. \$4.50, 4 to 5 ft. \$6.00, 5 to 6 ft. \$8.50.

**SPICATA.** Shrub to about 6 ft. with characteristics similar to the preceding variety, but not as strong in growth. Small plants, 2 yr., \$1.50.

**VEITCHIANA.** Shrub to about 7 ft. Flowers primrose-yellow. Fragrant in many. Fld. racemes. Small plants, 2 yr., \$1.50.

### COTINUS

**COGGYGRIA.** Smoketree. Bushy shrub to 15 ft. Panicles look like a cloud of smoke. 3 to 4 ft. \$3.00, 4 to 5 ft. \$4.50.

**COGGYGRIA-PURPUREUS.** Panicle with purple hairs. 4 to 5 ft. \$6.00.

**COGGYGRIA-FOLIS-PURPUREIS.** Red-purple foliage. This is very handsome throughout the entire summer and extremely showy. 2 to 3 ft. \$3.00, 3 to 4 ft. \$4.50.

### COTONEASTER

Cotoneasters are very useful and attractive. Some are deciduous while others retain their leaves and are evergreen. The fruits are very ornamental and display masses of red and orange in fall. They transplant best from pots and grow fast once they are established. Large plants must be handled very carefully when being transplanted, because the roots are generally not fibrous.

**ADPRESSA (Repens).** Semi-evergreen. Low growing, with bright red fruit. Strong pot plants \$1.50.

**ADPRESSA PRAECOX.** Semi-evergreen, low spreading form with leaves larger than preceding, and fruit is large bright red.

**AFFINIS BACILLARIS.** Very strong growing deciduous shrub attaining 15 ft. Large roundish leaves, berries purplish-black.

**APICULATA.** Deciduous shrub to 6 ft. Berries bright red.

**DAMMERI-HUMIFUSA.** Evergreen, prostrate form, with bright red berries. 3 in pot plants \$1.00.

**CONGESTA (Micro-Glacialis).** Low compact shrub to 3 ft. high. Leaves dull green above, whitish beneath. Fruit bright red. Pot plants \$1.50.

**DECORA.** Evergreen or semi-evergreen, prostrate shrub with very small leaves and small red fruit. Somewhat tender. Strong pot plants \$1.50.

- DIVARICATA.** Deciduous shrub 6 ft. high and 8 ft. wide. Splendid for hedge, being quite branched. The fruit is bright red in late summer.
- FRANCHETI.** Semi-evergreen shrub to 10 ft. Graceful branching habit, glaucous-green leaves and orange-red fruit. Strong pot plants, 2 to 3 ft. \$2.50.
- HENRYANA.** Semi-evergreen shrub to about 12 ft. Leaves larger than any other half-evergreen Cotoneaster. Fruit dark crimson. Strong pot plants \$1.50.
- HORIZONTALIS.** Semi-evergreen, low spreading shrub with bright green, small round leaves, and bright red berries. Pot plants \$1.50.
- HORIZONTALIS PURPUSILLA.** Semi-evergreen, low compact, densely twigged, spreading shrub with bright green leaves and very bright red fruit.
- LACTAE.** Semi-evergreen shrub to 10 ft. Fruit handsome pale-red, well displayed on arching branches.
- MICROPHYLLA.** Low spreading evergreen shrub with tiny leaves, evergreen. Forms a very wide matty plant with red berries. Strong pot plants \$1.50.
- MICROPHYLLA COCHLEATA.** Low, prostrate evergreen shrub with leaves a little larger than the type. Fruit scarlet.
- MICROPHYLLA THYMIFOLIA.** Small narrow oblong leaves, fruit red. Pot plants \$1.50.
- MULTIFLORA (Reflexa).** Deciduous shrub to 6 ft. with slender arching branches. Fruit red, colors well in August.
- RACEMIFLORA SOONGARICA.** Deciduous shrub with attractive arching branches, and bright red berries.
- SALICIFOLIA FLOCCOSA.** Graceful evergreen shrub with arching branches. One of the showiest with its bright orange-red fruit. Strong pot plants \$1.50 and \$2.00.
- ZABELLI.** Deciduous shrub of strong growth. Graceful pendent branches and dark purplish-red berries. Strong.
- WARDI.** One of the best evergreen shrubs. Leaves silvery, berries bright orange. Pot plants \$2.00.

### CRATAEGUS—HAWTHORN

- OXYACANTHA** (English Hawthorn). Tree 15 to 20 ft. high. Small clusters of white flowers followed with bright red berries.
- PAULI-Var. SPLENDENS.** Double flowers, bright scarlet. 3 to 4 ft. \$4.00, 4 to 5 ft. \$5.00.
- PHAENOPYRUM (Cordata).** Washington thorn. Fast growing tree to 30 ft. Berries profusely, bright red. 5 to 6 ft. \$5.00, 6 to 8 ft. \$7.50.

### CRYPTOMERIA

- JAPONICA LOBBII.** Narrow pyramidal tree with short and densely ramified branches. Foliage beautifully bronzed during winter. Pot plants, grafts, 2 to 3 yr. \$2.00
- VILMORIANA.** Very dwarf. Round and compact evergreen of extremely dense growth. Pot plants, 2 to 3 yr. \$2.50.
- JAP. NANA.** Also dwarf and compact, but grows a little larger than preceding Cryptomeria. Pot plants, 2 to 3 yr. \$2.50.

### CYRILLA

- RACEMIFLORA.** Leatherwood. An American shrub of charm, yet little known to our gardens. A shrub or small tree with graceful racemes of creamy-white flowers in July. Leaves bright green, turning orange and scarlet late in the fall. Truly a handsome shrub. 18 to 24 in. \$2.00, 2 to 3 ft. \$3.00, 3 to 4 ft. \$5.00, 4 to 5 ft. \$7.50, 5 to 6 ft. \$10.00, 6 to 8 ft. \$15.00, 8 to 10 ft. \$20.00.

### CYTISUS—BROOMS

- PRAECOX.** Bright green stems during winter. Flowers cream color. Very showy in early summer. 18 to 24 in. \$1.50, 24 to 30 in. \$2.00.
- PURGANS.** Dwarf evergreen broom with brilliant yellow flowers.
- PURPUREUS.** Low growing broom about 20 in. high, with flowers a pretty shade of purple. 10 to 12 in. \$1.00.
- SCOPARIUS.** Strong growing shrub with very bright golden-yellow flowers. 18 to 24 in. \$1.50, 24 to 30 in. \$2.50, 30 to 36 in. \$3.00.
- SCOPARIUS ANDREANUS.** Strong flower up to 8 ft. with yellow and crimson flowers.

### DANAE

- DANAE-RACEMOSA (Ruscus Race).** Charming, shade-loving evergreen. In the class with broad-leaf evergreens. Is most attractive and has small white flowers and red fruit. 2 yr. plants \$1.50.

## DAPHNE

- DAPHNE-MEZEREUM.** Shrub to 3 ft. high. Rosy-purple flowers in March. 12 to 18 in. \$2.00, 18 to 24 in. \$3.00.  
**GENKWA.** Deciduous shrub, growing to about 4 ft. high and wide. In late March, the flowers appear on slender graceful branches before the leaves start growing. Lilac-blue in color, they are most interesting and offer a splendid combination planting with early white and pink azaleas. 18 to 24 in. \$3.50, 24 to 30 in. \$5.00.

## DAVIDIA

- INVOLUCRATA.** (The Dove Tree). Pyramidal tree with rather large bright green leaves and strikingly handsome in bloom with its large creamy-white floral bracts. Stock very limited. 4 in. pot plants \$5.00.

## DEUTZIAS

- CANDIDA.** Strong growing shrub with fairly large leaves. Flowers white.  
**CANDELABRUM.** Tall growing shrub with clusters of large white flowers.  
**CARNEA-DENSIFOLIA.** Flowers white, slightly pinkish in bud.  
**CARNEA-ERECTA.** Similar to preceding, with very erect branches.  
**CORYMBOSA.** Handsome late flowering. A profusion of dainty white flowers.  
**CRENATA EBURNEA.** White flowers, campulata, in loose panicles.  
**CRENATA EMINENS.** Tall, erect stems. Flowers white with reflexed petals.  
**CRENATA GRACILLIMA.** Very tall grower, loose panicles of white flowers.  
**CRENATA LATIFOLIA.** Large single white flowers, up to 1½ inch diameter.  
**CRENATA LONGIPETALA.** Erect, abundance of large snow-white paniculate flowers.  
**CRENATA MAGNIFICA.** PLANT TALL AND VIGOROUS IN GROWTH. Flowers double, pure white, in short dense panicles nearly 2 inches long. One of the hardiest.  
**CRENATA SUSPENSA.** White flowers with reflexed petals, borne on long drooping sprays.  
**DISCOLOR CANDIDA.** Shrub to 4 ft. high and nearly as wide. Large snow-white paniculate flowers.  
**DISCOLOR CONSPICUA.** 4 ft. high and nearly as wide. Buds pale pink opening to lustrous white.  
**DISCOLOR ELEGANTISSIMA.** Shrub to 4 ft. Rosy-white flowers ¾ inch across, in loose corymbs.  
**DISCOLOR FLORIBUNDA.** Medium grower, rather broad at base. Flower pink on outside, are carried in dense, erect panicle.  
**GRACILIS.** Very dwarf grower, graceful. Free flowering, white.  
**MAGICIENS.** Large flowers, mauve-pink, edged white, and purplish underneath. Petals fringed.  
**MONT ROSE.** Handsome large pink flowers in large trusses.  
**PILLOSA.** Shrub to 3 ft. with slender branches. Small flowers are white and in few-flowered cymes.  
**ROSEA (Gracilis rosea).** Fairly dwarf grower with soft rose colored flowers.  
**ROSEA EXIMEA (Gracilis Rosea Eximea).** Fairly low grower. Flowers slightly pink outside, in rather dense upright panicles.  
**SCHNEIDERIANA.** Strong grower with leaves nearly 3 in. long. Broad panicles of white flowers.  
**DISCOLOR ARCUATA.** Well-expanded pure-white flowers are borne on long arched branches.  
**CONTRASTE.** Fairly vigorous habit, with large leaves and large purplish flowers.  
**CHUNII.** July-blooming species. Flowers ½ in. wide. Pink outside, white inside. Reflexed. Panicles to 4 in. long.  
**GLOMERULIFLORA.** Shrub to 6 ft. Large flowers, white, in dense clusters.  
**HOOKERIANA.** Rare species from W. China.  
**KALMIAEFLORA.** Charming, floriferous hybrid. Flowers large, white flushed pink.  
**LONGIFOLIA.** Handsome Chinese shrub. Flowers large clusters of white or pink tinted. June-July.  
**LONGIFOLIA-VEITCHI.** Flowers large rich lilac-pink.  
**MONBEIGHII.** Pretty shrub. Distinct in its small leaves, white beneath, and a profusion of small, glistening white flowers.

**PURPURESCENS.** Flowers white, tinted rose-purple.  
Honey scented.

**SETCHUENENSIS.** Fine July and August flowering species.  
Clusters of innumerable small star-like flowers. White.  
Slow grower and about 6 ft. high.

**VILMORIANA.** Erect branched to about 10 ft. high. Flowers white in broad corymbose panicles.

**SIEBOLDIANA.** Usually low growing Japanese shrub.  
Flowers are white with bright orange anthers. Fragrant.

**WILSONII.** Strong growing shrub to about 8 to 10 ft.  
Large panicles of thickly clustered snowy-white flowers.  
Very showy.

### ELEAGNUS

**PUNGENS.** Evergreen strong growing shrub with silvery-green leaves dotted with brown scales. Small silvery-white flowers borne in auxiliary cluster, in autumn, are very fragrant. 30 to 36 in. \$3.00, 36 to 42 in. \$4.00, 42 to 48 in. \$5.00.

**PUNGENS FRUITLANDI.** Similar to preceding variety in general growth but the leaves are larger, and the branching habit more twiggy. Flowers in autumn and are fragrant. 36 to 42 in. \$4.00, 42 to 48 in. \$5.00, 5 to 6 ft. \$10.00.

**PUNGENS REFLEXA.** Very strong growing evergreen shrub with strong upright growing branches which arch at full growth. Leaves similar to those of Pungens, and the flowers are very fragrant. 30 to 36 in. \$3.00, 36 to 42 in. \$4.00, 42 to 48 in. \$5.00, 5 to 6 ft. \$10.00.

**PUNGENS SIMONSI.** Leaves medium large, elliptic-oblong, without or with few brown scales, beneath. Flowers fragrant.

**PUNGENS VARIEGATA AUREA.** Bright golden-variegated leaves remain on the plant all winter. Needs some protection.

### ENKIANTHUS

**CAMPANULATUS.** Handsome upright branching shrub, partially evergreen. Flowers very dainty, and attractive. Pale pink creamy-yellow, and red, are shades of the flowers borne on the Enkianthus. These shades are not all on one plant, but each plant can be any one of the three. 3 yr. plants, 12 to 18 in. \$1.50, 18 to 24 in. \$2.50, 24 to 30 in. \$3.50, 30 to 36 in. \$5.00.

### FORSYTHIA

**EUROPAEA.** Pale cream colored flowers in profusion.  
Early spring. 3 to 4 ft. \$2.00, 4 to 5 ft. \$3.00.

**INTERMEDIA.** Vigorous shrub, with clear bright yellow flowers. 5 to 6 ft. \$2.50.

**INTER. DENSIFLORA.** Strong growing compact shrub with pale yellow flowers, densely crowded.

**INTER SPECTABILIS.** One of the showiest of all Forsythia, flowers in great profusion are rich golden-yellow. Handsome. 5 to 6 ft. \$2.50, 6 to 7 ft. \$4.00.

**INTER. SPRING GLORY.** Handsome golden-yellow Forsythia, flowers are large and very showy.

**LYNWOOD GOLD.** A new Forsythia of extremely good color. Rich deep yellow. 2 to 3 ft. \$1.50, 3 to 4 ft. \$2.50.

**OVATA.** Spreading shrub with small, pale yellow flowers and larger leaves than other Forsythias. 3 to 4 ft. \$2.50.

**SUSPENSA.** Pendulous branches with rambling habit. Flowers pale yellow. 3 to 4 ft. \$2.00, 4 to 5 ft. \$2.50.

**SUSPENSA FORTUNEI.** Vigorous shrub with arching branches. Flowers yellow. 4 to 5 ft. \$2.00.

**ARNOLD DWARF.** Low creeping form that forms a fine mat of bright green. 2 yr. \$1.50.

### FOTHERGILLA

**MAJOR.** Shrub of pyramidal habit. Conspicuous in spring with its numerous spikes of white flowers. Leaves orange-yellow in fall. 18 to 24 in. \$2.00, 24 to 30 in. \$2.50.

**PARVIFOLIA.** Low growing shrub rarely higher than 18 in. Dainty white flowers in spring, and lovely coloring of leaves in fall. 8 to 12 in. \$1.50, 12 to 15 in. \$2.00.

### FRANKLINIA

**ALATAMAHIA.** Gordonia. Handsome small tree with leaves turning crimson in fall. Valued highly for its large cup-shaped white flowers, appearing during late summer. 18 to 24 in. \$2.50, 2 to 3 ft. \$3.50, 5 to 6 ft. \$10.00.

## GINKGO

**BILLOBA FASTIGIATA.** A very stately and handsome columnare tree with leaves identical of the preceding. (Grafted plants). 3 to 4 ft. \$3.50, 4 to 5 ft. \$4.50.

## HAMAMELIS—WITCH HAZELS

**JAPONICA.** Strong growing shrub or small tree to 30 ft. Flowers bright golden-yellow. February and March. 18 to 24 in. \$1.50, 24 to 30 in. \$2.50.

**JAP. ARBOREA.** Habit similar to preceding, with flowers golden-yellow and calyx purple. February and March. 18 to 24 in. \$1.50, 24 to 30 in. \$2.50.

**JAP. FLAVO-PURPURASCENS.** Flowers old gold, suffused claret. 18 to 24 in. \$1.50, 24 to 30 in. \$2.50, 30 to 36 in. \$3.25.

**JAP. ZUCCARINIANA.** Quite distinct. Flowers greenish-yellow. February and March. 18 to 24 in. \$1.50, 24 to 30 in. \$2.50, 30 to 36 in. \$3.25, 3 to 4 ft. \$4.50.

## HAMAMELIS INTERMEDIA

This species is a hybrid between Hamamelis japonica, the Japanese witch hazel, and Hamamelis mollis, the Chinese witch hazel. It is said to resemble Hamamelis mollis somewhat in its habit of growth, making a large shrub or small tree of 12 to 15 feet or more in height at maturity. It is distinguished from Hamamelis mollis by its obovate, somewhat narrow leaves. The leaves of the Chinese witch hazel are roundish in outline.

This plant arose as a garden hybrid and supposedly possesses the good characteristics of growth habit, foliage and flower of its parents. Its flowers are yellow, produced in early spring. The yellow fall foliage is attractive.

February and March. 18 to 24 in. \$1.50, 24 to 30 in. \$2.50, 30 to 36 in. \$3.25, 3 to 4 ft. \$4.50, 4 to 5 ft. \$6.00.

**MOLLIS.** Chinese Witch-hazel. Shrub to 30 ft. Very large flowers, fragrant rich golden-yellow. February and March. 18 to 24 in. \$2.00, 24 to 30 in. \$2.50, 30 to 36 in. \$5.00.

**MOLLIS-BREVIPETALA.** An interesting variant of the Chinese Witch-hazel, with shorter, orange-colored flowers. 18 to 24 in. \$2.00.

**VERNALIS.** Shrub to 8 ft. Small reddish or yellow flowers in late winter. Has habit of retaining brown leaves all winter. 5 to 6 ft. \$3.00, 6 to 8 ft. \$4.00.

**VERN. TOMENTOSA.** Shrub to 8 ft. Leaves are wooly, remaining on the stems quite late in the winter, though brown. Dark red flowers appear along the stems in February and March. 24 to 30 in. \$2.00.

**VIRGINICA.** American Species. Strong growing shrub with brownish-yellow flowers in late summer and early winter. 3 to 4 ft. \$2.00, 4 to 5 ft. \$2.50, 5 to 6 ft. \$3.50, 6 to 7 ft. \$5.00.

## HALESIA

**CAROLINA (Tetrapeta).** Silver bell snowdrop tree. Handsome in flower in spring with bell-shaped drooping flowers. 5 to 6 ft. \$3.50, 6 to 8 ft. \$6.00.

**MONTICOLA.** Tall grower than preceding, and a very handsome tree with large white flowers with shaded blush. 5 to 6 ft. \$3.50, 6 to 8 ft. \$6.00.

## HYPERICUM

**HYPERICUM HIDCOTE.** Large golden flowers nearly 2 in. wide. Finest among the St. John's Wort. 3 yr., 18 to 24 in. \$2.00.

**HYPERICUM CALYCINUM.** Narrow-leaved, semi-evergreen forming mats by sending up runners from beneath the ground. 1 in. bright yellow flowers. Strong 2 yr. pot plants \$1.00.

## HYDRANGEA

**HYDRANGEA-PETIOLARIS.** Climbing hydrangea, clinging firmly to walls. Large clusters white flowers in early summer. 2 yr. pot plants \$1.50.

## IDESIA

**POLYCARPA.** Small tree with very large handsome leaves, dark green, and heart-shaped. Flowers yellowish-green in clusters. Fruit very ornamental, borne in pendulous racemes, sometimes 10 inches long, is bright orange-red and is very conspicuous, particularly after the leaves have fallen. 6 ft. \$3.50, 8 ft. \$5.50, 10 ft. \$8.50.

### JASMINUM

**BEESIANUM.** Rose Jasmine. Slender shrub or climbing. Flowers deep pink are fragrant. 18 to 24 in. \$1.50.

**FLORIDUM.** Showy Jasmine. Half-evergreen shrub to 3 ft. Golden yellow flowers in summer. Needs protection further north. 12 to 18 in. \$1.50.

**FRUITICANS.** Half-evergreen shrub to 9 ft. Compact, with small green leaves, yellow flowers, and blue fruit. A stunning shrub in winter showing its green barked branches. Needs protection further north. 12 to 18 in. \$1.50.

**HUMILE.** Italian Jasmine. Half-evergreen shrub to 5 ft. Leaves bright green, are large, and flowers are golden-yellow. Needs protection further north. 18 to 24 in. \$2.00, 2 to 3 ft. \$3.00, 3 to 4 ft. \$4.00.

**MESNYI PRIMULINUM.** Primrose Jasmine. Half-evergreen shrub to 9 ft. Leaves large, are rich green. Flowers are bright golden-yellow are fairly large and showy. Needs protection further north. 12 to 18 in. \$1.50, 18 to 24 in. \$2.00, 2 to 3 ft. \$3.00, 3 to 4 ft. \$4.00.

**NUDIFLORUM.** Winter Jasmine. Shrub very showy in winter for its bright green stems. Flowers yellow, begin to open in early March, even when snow is still on the ground. Excellent for terraces. 12 to 18 in. \$1.50, 18 to 24 in. \$2.00.

**PARKERI.** Parker Jasmine. Half-evergreen of almost creeping habit. The branches which sprawl across the ground are covered with tiny green leaves and bright yellow flowers. Needs protection further north. 3 in. pot plants \$1.00, 4 in. pot plants \$2.00.

Jasmines are lovely plants and have a real charm. They are not the hardiest of shrubs and therefore require winter protection. However, they respond readily to hard pruning in early spring and the fact that the flowers are produced on the new growth, there is no loss even if the tops do freeze back a bit. Give them a sheltered position and a good winter protection and they will repay you well.

### KERRIA—GLOBEFLOWER

**JAP. FLORA-PLENA.** Identical to the preceding except that the flowers are double. 2 to 3 ft. \$1.50.

### KOELREUTERIA—GOLDENRAIN TREE

**PANICULATA.** Medium sized tree with compound leaves and large panicles of deep yellow flowers, followed by ornamental brown seed pods in late fall. 10 to 15 in. 75c, 3 to 4 ft. \$2.00.

### KOLKWITZIA—BEAUTY BUSH

**AMABILIS.** A very handsome shrub with slim drooping branches, entirely covered with small pink flowers in spring. 12 to 18 in. \$1.50.

### LABURNUM

**VOSSI.** Goldenchain. Most attractive with its long clusters of yellow flowers, like wisteria. Handsome ornamental. 3 to 4 ft. \$3.00, 4 to 5 ft. \$4.00, 6 to 7 ft. stocky trees \$12.50.

### LEUCOTHOE

**AXILLARIS.** Coast Leucothoe. Evergreen shrub up to 3 ft. with broad dark green leaves during summer, coloring bronzy-green during winter. Flowers white in short racemes, in early spring. An excellent plant for partial shade.

**CATESBAEI.** Drooping Leucothoe. A most graceful evergreen shrub up to 5 ft. having glossy green leaves on arching branches. The large spikes of small white flowers in spring and the handsome bronze-green color of leaves during winter, make it most attractive all year. Likes partial shade. 18 to 24 in. \$3.00, 24 to 30 in. \$3.50.

**POPULIFOLIA.** Florida Leucothoe. Tall growing evergreen shrub to 12 ft. with very graceful arching branches. Leaves are pale green, retaining this color during the winter. They do not color up as the preceding varieties do, during winter. Flowers are only few in racemes peduncled. A very handsome evergreen shrub. 2 to 3 ft. \$3.00, 3 to 4 ft. \$5.00, 4 to 5 ft. \$7.50.

## LIBOCEDRUS

**DECURRENS** (Incense Cedar). Fast growing evergreen reaching 90 ft. Erect and stately with scale-like leaves. A handsome tree of remarkable columnar habit. 4 in. pot plants \$1.50, 5 in. pot plants \$2.50.

## LIGUSTRUM

**DELAVAYANUM.** Very small leaved shrub remaining evergreen in sheltered position. Branches arch and are fairly compact. Very neat but must have winter protection.

**JAPONICUM Rotundifolium-Coriaceum.** A round leaf ligustrum with very handsome shiny dark green leaves, somewhat curly. Flowers are white, in spikes during early summer. A very fine evergreen shrub. 4 in. pot plants \$1.50, 12 to 15 in. \$2.00, 15 to 18 in. \$2.50, 18 to 24 in. \$3.50, 24 to 30 in. \$6.00, 30 to 36 in. \$8.00.

**QUIHOUI.** Deciduous shrub from China. Arching branches up to 8 ft. with attractive white flowers. Distinct privet valuable on account of its late flowering. 2 to 3 ft. \$2.00, 3 to 4 ft. \$3.00, 4 to 5 ft. \$4.00, 5 to 6 ft. \$5.00, 6 to 8 ft. \$7.50.

## LIRIOPE—LILYTURF

**GRAMINIFOLIA.** Grass-like foliage 15 in. high. A ground covering plant, constantly spreading its growth by runners, from beneath the ground. Grape-hyacinth-like spikes of lilac-pink flowers in late summer. Green leaves all winter. Loves shaded area. Strong 2 yr. plants 50c each, \$4.00 per 10.

**MUSCARI.** Big blue Lirope. Evergreen foliage, grass-like, one-half in. wide, 15 in. high. Grows into individual clumps, does not spread by stolons. Flowers in spikes, purplish-blue, blooming in September. Very lovely, and a shade loving plant. Strong plants \$1.00.

**MUSCARVI-VARIEGATA.** Very similar to preceding, but with green leaves edged with golden-yellow. Flowers are a shade lighter in color, flowering in September. Strong plants \$1.00.

**MONDO** (*Ophiopogon Japonicum*). Dwarf Lilyturf. Very low growing form, rarely more than 6 in. high. Flowers short spiky, about 5 in., lavender-pink to purplish-blue. September. Strong plants \$1.00.

## LONICERA, Evergreen Forms

**NITIDA.** A very handsome upright evergreen shrub with very small shiny leaves. Small whitish flowers and densely clustered branches. Very lovely but a bit tender.

**PILEATA.** Low evergreen shrub with spreading, prostrate branches. Leaves larger than preceding, dark green, and flowers are small and whitish. Fruit violet-purple. Very hardy. Pot plants \$1.00.

**YUNNANENSIS.** Erect evergreen shrubs to about 5 ft. Small green leaves and conspicuous translucent, violet colored berries. 18 to 24 in. B&B \$3.00, 24 to 30 in. \$4.50.

## LOROPETALUM

**CHINENSIS.** Chinese semi-evergreen shrub. The many white Hamamelis-like flowers appear in very early spring, on branches rather arching. Leaves are small and dark green which remain on the plant over winter, if weather is not too severe. Should be planted in sheltered position and have winter protection. May be more difficult to handle further north. 3 to 4 ft. B&B \$7.50.

## LYONIA

**LUCIDA.** Broadleaf evergreen shrub to 6 to 7 ft. Leaves broad to 1 inch, handsome green. Flowers in auxiliary clusters forming terminal leafy racemes. White to pink. 12 to 18 in. \$2.00, 18 to 24 in. \$2.50.

## MAACKIA

**AMURENSIS.** Handsome tree with foliage unequalled by any other tree. Whorls of grayish-green leaves unfold in spring, resembling flower-formation. Odd-pinnate. Creamy flowers appear in August. This species reaches about 40 to 45 ft. high.

**AMUR. BUERGERI.** Japanese species Chinensis. Chinese species. (Tree to 50 to 60 ft.).

Small 2 yr. seedling plants of preceding Maackias 75c each.

**MAGNOLIA**

**GRANDIFLORA.** Evergreen magnolia of the south. Very large flowers of creamy-white, and fragrant, flowering in the summer. Leaves are very glossy and green throughout the year. Very attractive red fruit in the fall. 3 ft. \$6.00, 4 ft. \$8.00.

**KOBUS.** Tree of pyramidal shape, with white flowers produced in early spring. Seldom flowers until tree is well established.

**KOBUS-BOREALIS.** Pyramidal tree to 65 ft. The leaves are larger and it is extremely hardy. White flowers.

**LILIFLORA NIGRA.** Purple lily magnolia. Large purple tinted cup-shaped flowers, starting to bloom after frost and often flowering during the summer. 4 to 5 ft. \$6.00, 5 to 6 ft. \$8.00.

**MACROPHYLLA.** Tree of immense size, with very large leaves, 12 to 18 in. long, and very large creamy-white flowers. Fast grower. 18 to 24 in. \$2.00, 24 to 30 in. \$3.00, 30 to 36 in. \$4.00, 36 to 48 in. \$6.00.

**OBOVATA.** White-leaf Jap. magnolia. Tree-like species with large whitish-green leaves and immense creamy-white flowers, often 8 in. wide.

**SALICIFOLIA.** Slender tree to 30 ft. Leaves oblong, lanced late. Leaves have a spicy odor. Flowers 4 to 5 in. wide, are white and fragrant.

**SIEBOLDI.** *Parviflora.* Oyama magnolia. Unlike other magnolias of the deciduous forms, this magnolia flowers after the plant has come into full leaf, blooming on the new growth in June. The richly scented flowers are a pure white and waxy, of cup shape and with a very prominent center of crimson stamens. 18 to 24 in. \$5.00, 24 to 30 in. \$7.50, 30 to 36 in. \$10.00, 6 to 8 ft. \$40.00.

**VIRGINIANA. Glauca.** The swamp magnolia. Handsome small tree bearing sweet-scented creamy-white cup-shaped flowers in June, followed with red fruit in pods. 12 to 18 in. \$2.00, 18 to 24 in. \$2.50, 24 to 30 in. \$3.50.

**WATSONII (M.-obovata X Sieboldi).** Flowers large, fragrant with crimson center and pink sepals.

**WILSONII.** Flowers cup-shaped, white, fragrant, filaments crimson.

**CAMPBELLII.** A very handsome magnolia from the foothills of the Himalayas, but too tender for cultivation in cold climate. Should be perfect from Virginia south. Handsome pink flowers from 8 to 14 inches wide. 5 in. potted plants.

**CONSPICUA. Denudata.** The Chinese Yulan magnolia. Flowers are cup-shaped, are large, and color pure white to creamy-white, scented, flowering early spring. 2 yr. grafts, potted \$3.00.

**HIGHDOWNENSIS.** May be hybrid between M. Sinensis and Wilsorii.

**SOULANGEANA.** The most popular of magnolias, flowering in early spring. Flowers are fairly large, deep pink in bud, opening lighter pink fading to almost white. 18 to 24 in. \$4.00, 24 to 30 in. \$5.00, 30 to 36 in. \$6.50, 2 to 3 ft. \$7.50, 3 to 4 ft. \$9.00, 4 to 5 ft. \$12.00.

**SOUL. ALBA SUPERBA.** White flowering form with a flush of pink, blooming in early spring. 2 yr. grafts, pot plants \$2.50.

**SOUL. ALEXANDRIANA.** Early flowering magnolia with large flowers, white on the inside and a deep purple near the base, on the outside. 3 to 4 ft. \$9.00, 4 to 5 ft. \$12.00.

**SOUL. AMABILIS.** Large flowers nearly white in early spring. 2 yr. grafts, pot plants \$2.50.

**SOUL. BURGUNDY.** Large flowers deep burgundy in early spring. 2 yr. grafts, pot plants \$2.50.

**SOUL. CANDOLLEANA.** Flowers of good size, pink with white base. Flowers profusively in spring, and also few flowers during summer. 2 yr. grafts, pot plants \$2.50.

**SOUL. GRACE McDADE.** Fine large pink flowers, white at base.

**SOUL. LENNE.** A very fine variety. Leaves and flowers much larger. Flowers rosy-purple outside, and white inside. 4 to 5 ft. \$12.00.

**SOUL. RUBRA. (Rustica).** Flowers stained rose-purple.

**SOUL. SAN JOSE.** Very early flowering. Large 9 petals 5 in. long, color pink with lower half purple on outside.

**STELLATA. Halleana.** Star magnolia. A charming slow growing magnolia with masses of white flowers, star-like, and fragrant, in very early spring. Very twiggy and compact and a handsome specimen at all times. 3 to 3½ ft. \$10.00, 3½ to 4 ft. \$15.00, 4 to 5 ft. \$17.50, 5 to 6 ft. \$20.00, 6 to 7 ft. \$25.00.

**STELLATA ROSEA.** Similar to preceding with delicate pink flowers. 2 yr. grafts, pot plants \$2.50, 3 yr. grafts, pot plants \$3.50, 4 yr. grafts, pot plants \$5.00.

**STELLATA RUBRA.** Form identical of the preceding but flowers are a fine deep pink, not red. 2 yr. grafts, pot plants \$3.50.

**STELLATA WATERLILY.** A stellata form with flower buds flesh-pink opening blush-pink of good size, resembling the waterlily. The sweet fragrance is very delightful. 2 yr. pot plants, grafted \$2.50, 3 yr. pot plants, grafted \$3.50, 4 yr. pot plants, grafted \$5.00.

Magnolias are one of the delights in early spring. They are best in full sun and when planted in a sheltered position, due to late frosts. Give them good rich soil and occasional feeding, never allowing them to become dry at the roots and they will pay with their handsome flowers in abundance.

### MAHONIA

**AQUIFOLIUM.** Oregon Hollygrape. Glossy rich green leaves turn bronze to red in fall. The yellow flowers in spring are followed with bluish colored fruits. Evergreen. 10 to 12 in. \$1.50, 12 to 15 in. \$2.00, 15 to 18 in. \$3.00, 18 to 24 in. \$4.00.

**BEALI.** Leatherleaf Hollygrape. Holly-like bright green leaves, quite large and handsome. Yellow flowers in spring are followed with attractive blue fruit. 4 in. pot plants \$1.00, 18 to 24 in. B&B \$4.00, 24 to 30 in. B&B \$6.00.

### MALUSES—FLOWERING CRABS

Handsome flowering trees of low height, with flowers of many shades and colors followed with ornamental fruits, very colorful in fall and early winter. They are extremely hardy, and flowering in very early spring they create a picture in the landscape never to be forgotten.

**ARSTRINGENS.** Rose colored flowers. 3 to 4 ft. and 4 to 5 ft.

**ARNOLDIANA.** Fine clear pink flowers fading lighter. 5 to 6 ft.

**ATROSANGUINEA.** Buds red, opening very deep pink. 5 to 6 ft.

**DOROTHEA.** Flowers semi-double, near 2 in. diameter and they are pale crimson or Tyrian rose, which do not fade white. Very fine. 2 yr. grafts, small plants \$1.50.

**FLORIBUNDA.** Buds pink, opening pale pink to almost white. 5 to 6 ft.

**FLORI. HILLIERI.** Semi-double flowers crimson in bud opening bright pink. 4 to 5 ft.

**HALLIANA.** Parkmanii. Handsome clear deep pink. 4 to 5 ft. and 5 to 6 ft.

**HUPHENSISS. THEIFERA.** Tea Crab. Dark pink buds opening shell pink. 3 to 4 ft., 4 to 5 ft., and 5 to 6 ft.

**IOENSIS PLENA.** Bechtel Crab. Very double flowers, shell-pink. 2 to 3 ft.

**KATHERINE.** Unusually large double flowers, pink and white. 3 to 4 ft.

**KINGSMERE.** Carmine buds and flowers, fading dull pink. Leaves bronze. 3 to 4 ft.

**PRINCE GEORGES.** Handsome double flowers, shell-pink. 3 to 4 ft.

**PRUNIFOLIA RINKI.** Flowers white, leaves pear-leaf shaped.

**PURPUREA.** Deep purplish-red flowers, bronzy leaves.

**PURPUREA ELEYI.** Dark purplish-red flowers, leaves bronze.

**PURPUREA LEMOINEI.** Handsome dark red flowers and bronzy leaves. 3 to 4 ft., 4 to 5 ft., and 5 to 6 ft.

**RED SILVER.** Purplish-red flowers and bronzy-green leaves. 4 to 5 ft., 5 to 6 ft.

**SARGENTI.** Dwarf grower with pure white flowers. 5 to 6 ft.

**SCHEIDECKERI.** Buds deep pink opening lighter pink. 2 to 3 ft., 3 to 4 ft.

**SIEBOLDI.** Compact grower with profusion of white flowers. 3 to 4 ft., 4 to 5 ft.

**SPECTABILIS.** Coral rose-pink flowers. 6 to 8 ft.

**SPECTABILIS RIVERSI.** Handsome double flowers a fine pink. 4 to 5 ft., 5 to 6 ft.

**STRIPED BEAUTY.** Rare. White flowers and very handsome striped fruit. 2 to 3 ft., 3 to 4 ft., 4 to 5 ft., 5 to 6 ft., and 6 to 8 ft.

**VAN ESELTINE.** Carmine buds and flowers. 3 to 4 ft., 4 to 5 ft.

**ZUMI.** Open grower with pure white flowers. 5 to 6 ft.  
**ZUMI CALICARPA.** Buds pink, opening pure white. 5 to 6 ft.  
 Prices on preceding Flowering Crab: 2 to 3 ft. \$2.00,  
 3 to 4 ft. \$3.00, 4 to 5 ft. \$4.00, 5 to 6 ft. \$5.00, 6 to 8 ft.  
 \$8.50.

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**METASEQUOIA-GYPTROSTREBOIDES.** "The rare DAWN REDWOOD." A handsome tree, though not evergreen. Has the appearance of our California Redwood. It's extreme fast growth makes it one of the most interesting new trees recently introduced. 1 yr. potted plants \$1.50, 2 yr. potted plants \$3.00, 3 yr. potted plants \$7.50.

### OSMANTHUS

**AMERICANUS.** Devilwood. Evergreen shrub with thick shiny bark, green leaves, and fragrant white flowers. Needs protection. 5 to 6 ft. \$5.00.

**ARMATUS.** Chinese Osmanthus. Leathery evergreen leaves and small fragrant creamy-white flowers. Small plants \$1.50. Potted.

**ILICIFOLIUS.** *Aquifolium.* Holly leaf Osmanthus. Handsome shiny dark evergreen leaves that are holly-like and fragrant white flowers. Potted plants \$1.00, 12 to 15 in. \$1.50, 15 to 18 in. \$2.00.

**AQUI. ARGENTEO MARGINATUS.** Leaves bordered creamy white. 2 yr. pot plants \$1.50.

**AQUI. AUREUS.** Leaves margined deep yellow.

**AQUI. PURPUREUS.** Growths at first purple. Later tinged purple.

**AQUI. ROTUNDIFOLIUS.** One of the handsomest, with leaves round and almost spineless. Twiggy growth forms a compact plant of dark handsome green. A real beauty. 4 in. pot plants, 4 to 8 in. \$1.50, 4 in. pot plants, 8 to 12 in. \$2.50.

**DELAVAYI.** (*Siphonosmanthus*). Evergreen shrub. Handsome little evergreen shrub with small dark green leaves, and very fragrant, small white flowers. 8 to 10 in. \$1.50, 10 to 12 in. \$2.50, 12 to 14 in. \$3.50.

**FORRESTII.** Handsome foliage, large and well spined. Flowers creamy yellow, very fragrant. Potted plants \$1.50.

**FORTUNEII.** Handsome shrub to 6 ft. with large dark evergreen leaves, rich green. Flowers white, very fragrant. Potted plants, 6 to 10 in. \$1.00, 10 to 12 in. \$1.50, 12 to 18 in. \$2.00.

**SAUVIS.** Upright habit of growth with moderate size evergreen leaves of dark green. White flowers are fragrant. Potted plants \$1.50.

**SAN JOSE HYBRID.** Fast growing variety developing to a small tree. Well-spined leaves are large and attractive. Pure white. Potted plants \$1.50.

### OSMAREA

**BURKWOODI.** Cross of *Phillyrea* x *Siphonosmanthus*. Evergreen shrub of compact growth and fragrant white flowers. Leaves dark glossy green. 1 yr. pot plants \$1.50, 2 yr. pot plants \$2.50, 12 to 18 in. B&B \$4.00.

### OXYDENDRUM

**ARBOREA.** Sourwood. Handsome tree flowering in mid-summer, creamy-white and the leaves turn a brilliant scarlet in fall. 2 to 3 ft. \$2.00, 3 to 4 ft. \$2.50, 4 to 5 ft. \$3.00, 5 to 6 ft. \$5.00.

### PACHISTIMA

**CANBYI.** Dwarf low evergreen shrub with small bright green leaves. Flowers are pink in bud, opening white. 10 to 12 in. spread, bushy plants B&B \$2.50, 12 to 15 in. spread, bushy plants B&B \$3.00.

### PACHYSANDRA

**TERMINALIS.** Variegata. Jap. spurge. Shade loving evergreen ground cover with spikes of white flowers. Pot plants. 2 yr. plants \$1.00.

### PARROTIA

**PARROTIA PERSICA.** Small tree to 25 ft. with spreading branches forming a well shaped small tree. Leaves similar to those of the witch hazel, turning scarlet, orange, and yellow in fall. Very small flowers, dark red in color, cluster along the branches during January and early February.

## PHILLYREA

**ANGUSTIFOLIA.** Narrowleaf Phillyrea. Evergreen shrub to 8 ft. Lanceolate leaves are bright green and the flowers white, small and a bit fragrant. 18 to 24 in. B&B \$3.00.

**DECORA.** Vilmoriana. Lanceleaf Phillyrea. Evergreen leaves are large, lance shaped. A very handsome plant. 10 to 12 in. B&B \$1.50.

**LATIFOLIA MEDIA.** Sharpberry Phillyrea. Large evergreen shrub or small tree, up to 20 ft. Small ovate leaves and dainty white flowers. 15 to 18 in. B&B \$2.50.

The Phillyreas are all very handsome and well worth having. Further north they may need a sheltered position and winter protection. They do best in a very light-shaded area.

## PHILADELPHUS

**ALBATRE.** Large single white flowers. Low bushy grower.

**ATLAS.** Very large semi-double flowers white. Tall grower.

**AVALANCHE.** Dwarf grower with graceful arching branches.

**BANNIERE.** Early bloomer with semi-double white flowers.

**BOUQUET BLANC.** Low dense grower and a very heavy bloomer.

**BELLE ETOILE.** Very handsome and one of the best.

**BRACHYBOTRYS.** Bushy grower with a profusion of white flowers.

**BUFFORDIENSIS.** Fine white flowers, coming into flower late spring.

**COLE'S GLORIOUS.** A strong grower and profuse bloomer.

**COUPDE DE ARGENT.** Handsome large flowers pure white.

**CORONARIUS.** Graceful tall grower and a good bloomer.

**DELAVAYI.** Low grower and showy white flowers.

**ENCHANTMENT.** Very fine double white flowers in thick panicles.

**FALCONERI.** Star-shaped white flowers on arching branches.

**GIRONDAL.** Strikingly handsome. Profuse bloomer.

**INNOCENSE.** One of the best with large flowers in great profusion.

**INODOROUS.** Fine white and profuse bloomer.

**LAXUS.** Dwarf drooping growth with white flowers.

**PYRAMIDALE.** Tall erect grower with fine white flowers.

**NIVALIS.** A very profuse bloomer and showy.

**MAXIMUS.** Very strong upright growth with large flowers.

**PUBESCENS.** Clusters of 6 to 8 flowers on arching branches.

**PURPURESCENS.** Pure white petals with purple calyx.

**VERRUCULOSUS.** Small leaf variety with fine white flowers.

**SERICANTHUS.** Very bushy grower with branches arching.

**VOIE LACTEE.** Large single white flowers, very showy.

Field plants, \$1.50 and \$2.00 each.

For best results, the Mock Oranges should receive a good pruning and cleaning out of old wood, every two years. This produces new strong growth from which great profusion of flowers develops.

## PICEA—SPRUCE

**ABIES BARRYI.** Dwarf spruce of conical form with thick branches.

**ABIES CLANBRASILIANA.** Dwarf spruce, compact, sub-globose, rather flat-topped bush with lustrous bright green foliage.

**ABIES GREGORYANA.** Dwarf spruce of very slow growth and compact habit. Rarely exceeds 5 ft. and usually as broad as tall.

**ABIES MAXWELLII.** Dwarf spruce of very low compact growth. Branches are short and very twiggy, and it takes ages to attain 2 ft.

**ABIES MICROSPERMA.** Dwarf spruce with dense branches and bright green, close set leaves. A very handsome little gem.

**ABIES PROCUMBENS.** Prostrate form of spruce with horizontal branches eventually spreading as wide as 10 ft.

**ABIES NIDIFORMIS.** Nest-shaped dwarf spruce. A handsome densely crowded, compact plant with dark green foliage. Branchlets in light layers form a dense, impenetrable head. One of the best of the dwarf spruces. 8 to 10 in. \$2.00, 10 to 12 in. \$2.50, 12 to 14 in. \$4.00, 14 to 16 in. \$6.00, 16 to 18 in. \$8.00, 18 to 22 in. \$10.00, 22 to 26 in. \$12.50.

**ABIES PUMILA.** Dwarf spruce of slow growth forming a small rounded dense plant, with dark green leaves.

- ABIES PYGMAEA.** Dense dwarf spruce of small pyramidal form with ascending branches and bright green leaves.
- ABIES REMONTII.** Dwarf, dense pyramidal or ovoid form with short crowded branches and light green leaves.
- ABIES OHLENDORFFII.** Very dwarf spruce with small leaves on crowded branches, almost globular form.
- GLAUCA CONICA.** A beautiful dwarf spruce with very compact branches and pale green leaves. Forms a perfect little pyramid.
- EXCELSA FENDULA.** Weeping spruce attaining a good height. Leaves dark green.
- KOYAMAI.** Small spruce tree from central Japan with small crowded bright green leaves.
- MARIANA DOUMETII.** Handsome small spruce tree with leaves decidedly gray beneath, and green on outside. Very attractive.
- OMORIKA.** Siberian spruce. Beautiful spruce tree with conspicuous silvery-white stomatic lines.
- ORIENTALIS.** Oriental spruce. One of the handsomest of spruce trees. Small leaves are a rich green.
- ORIENTALIS "GOWDY."** An extremely upright form of the handsome Oriental spruce being of a very narrow growth. Leaves are small and rich green.
- POLITA.** Tiger-tail spruce. Japanese spruce tree with very stiff sickle-shaped, prickly leaves.
- PUNGENS KOSTERIANA.** The well known blue spruce. Very attractive with its handsome blue leaves.
- PUNGENS KOSTERIANA PENDULA.** Weeping form of the above, with handsome blue leaves.
- PUNGENS KOSTERIANA "COPELN."** A form of the Koster Blue spruce with leaves a very light blue and very attractive.
- PUNGENS KOSTERIANA "MOERHEIMII."** Form of Koster Blue spruce with blue leaves that are a little larger than the type.
- SMITHIANA.** Himalayan spruce. Handsome tree of broad pyramidal habit with pendulous branches.
- BREWERIANI.** Tree to 100 ft. with spreading whip-like branches. Stock limited. 1 yr grafts \$2.00.
- EXC. CUPRESSIANA.** Tree with ascending branches forming a broad column.
- ELLWANGERIAN.** Broad pyramidal form with crowded slender branches and small slender acute leaves.
- GOLDEN (Aurea).** Leaves golden at first, changing to green-gold.
- INVERSA.** A pendulous form with leaves thickish and lustrous.
- PARSONII.** Dwarf, with spreading branches, rather pendulous.
- PYRAMIDALIS.** Compact, ascending branches forming a fine very dark green pyramid.
- EXC. REPENS.** Prostrate form, low, somewhat decumbent branches and short, sharp needles.
- WILSONII.** Pyramidal tree to 75 ft. with short spreading branches. Handsome spruce of dense habit with slender branches.
- Most all of the preceding spruces can be supplied in size 2 yr. grafts \$2.00 each, potted. Few can be supplied in size 3 yr. grafts \$3.00 each, potted. Also, some are available in larger sizes—Field Plants, B&B. Larger sizes are not priced here (with exception of one or two), but if interested, we will gladly advise prices, etc.

### PINUS

- CEMBRA.** Swiss Stone Pine. Small tree forming a narrow dense pyramid. Needles are thin and bluish inside.
- BUNGEANA.** Lace Bark Pine. Slow growing and bushy, with rather sparse light green leaves. Noted for its exfoliating bark.
- DENSIFLORA.** Jap. Red Pine. Rapid grower when young. Long slender needles are bright green.
- DENSIFLORA TANYOSHIO.** Jap. Table Pine. Round headed slow growing pine with thick foliage. Umbrella-like form.
- MASSONIANA.** Somewhat like the Densiflora; differs chiefly in the longer leaves. Rather tender.
- PARVIFLORA GLAUCA.** Jap. White Pine. Pale bluish-green leaves usually twisted, forming brush-like tufts at the end of growths, and the general handsome appearance of this pine, places it among the most attractive.
- SYLVESTRIS WATERIANA.** A very handsome dwarfish-form pine, with handsome bluish-green leaves. Very compact grower, 18 to 24 in. \$3.00, potted; 24 to 30 in. \$4.00, potted.
- The preceding pines are available in size 2 yr. grafts, potted, with exception of one or two which are grown from seeds. \$1.50 and \$2.00 each.

### PIERIS

**FLORIBUNDA.** Mountain Andromeda. Evergreen shrub, spreading habit, with attractive white flowers in profusion, in early spring. Broader than tall. 18 in. \$2.50.

**JAPONICA.** Japanese Andromeda. Evergreen shrub of upright growth with shiny dark green leaves. The white, lily-of-the-valley-like flowers burst into blossom in very early spring. Very handsome. 15 to 18 in. \$2.50, 18 to 24 in. \$3.50, 24 to 30 in. \$5.00, 30 to 36 in. \$7.50, 36 to 42 in. \$10.00, 42 to 48 in. \$15.00, 48 to 60 in. \$20.00.

**JAP. VARIEGATA.** Leaves variegated, silver and green. Very attractive. Pot plants, 1 yr. \$1.00.

**TAIWANENSIS.** Formosa Andromeda. Handsome evergreen shrub of broad spreading habit. Leaves dark green, turning bronzy-green during the winter. The stems that hold the clusters of flower buds turn almost red in cold weather, making this plant very attractive the entire year. In spring masses of white flowers adorn the entire bush. 1 yr. potted plants, 6 to 8 in. \$1.50, Bedded plants, B&B 8 to 12 in. \$2.50, Bedded plants, B&B 12 to 18 in. \$3.50, Bedded plants, 18 to 24 in. B&B \$5.00.

### PONCIRUS

**TRIFOLIATA.** Hardy Orange. Deciduous shrub or small tree, very spiny. Fruits are large, yellow, and resemble small oranges. 4 to 5 ft. \$3.00, 5 to 6 ft. \$4.00.

### PRINSEPIA

**SINENSIS.** Attractive shrub to 6 ft. Branches light gray-brown. Leaves, which appear very early in spring, are bright green. Lovely yellow flowers  $\frac{1}{2}$  to  $\frac{3}{4}$  in. wide adorn the stems and these are followed with red fruit. Very hardy and a very fine shrub. 18 to 24 in. \$1.75, 24 to 30 in. \$2.50, 3 to 4 ft. \$3.50.

**UNIFLORA.** Attractive shrub to 4 $\frac{1}{2}$  ft. Similar to preceding in general appearance. The flowers are white and the plant is very hardy. 18 to 24 in. \$1.75, 24 to 30 in. \$2.50.

### PRUNUS—JAPANESE FLOWERING CHERRIES

We have for many years specialized in growing these Flowering Cherries.

Early in April, when the single varieties start to bloom and later, when the double varieties flower, thousands of people journey to Washington, D. C., to admire the wonderful display of Cherry blossoms along the Potomac Basin, or to Riverside Drive, New York City.

This same colorful effect may be created with a few plants in your own garden. All Japanese Cherries are hardy and will grow well in almost any location, even in very shallow soils. They make splendid specimens for individual planting on the lawn, and the stronger-growing sorts are suitable for avenue trees.

**AMANOGAWA.** Semi-double. Fragrant pink flowers about May 10 to 15. Tree of characteristic fastigiate habit up to 35 ft. high. An outstanding flowering tree.

**BOTAN-ZAKURA** (Peony Cherry). Semi-double; pale pink flowers, on trees of rather small, flat, spreading crowns.

**FUGENZO** (Kofugen; James H. Veitch). Double; one of the very best. Vigorous grower. Deep pink blooms about May.

**GOZANOMA-NIOI** (Ozu-Mako) (Maybe Taki-Nioi). Fragrant cascade, small tree, much branched, usually not more than 12 ft. high. Flowers single, pure white, up to 1 $\frac{1}{4}$  in. across. Very fragrant.

**HATA-ZAKURA.** Single, white; rather fast grower, developing a sizeable tree in short time.

**HI-ZAKURA.** A beautiful deep pink that blooms late. One of the finest.

**JAMES H. VEITCH.** See Fugenzo.

**KWANZAN** (Also known as Kanzan, Sekizan, and Sekiyama). Tree upright-spreading, with a rounded crown, up to 20 ft. high. Rose-red buds, flowers clear pink, fading but little. A splendid variety.

**MEIGETSU.** Semi-double, blush to almost white.

**MOUNT FUJI.** See Shirotae.

**NADEN.** See Takasgo.

**OJOCHIN** (Large Lantern). Wide-spreading habit, up to 20 ft. Flower buds pink, opening faintly pinkish, semi-double.

**OSIBAYAMA.** Single; bluish-pink to white.

**SACHALINENSIS-SARGENTI.** Single; pink flowers. Tree to 60 ft. Lovely avenue tree. A handsome tree, very hardy.

**SACH. VAR. DR. S. EDWIN MULLER.** Handsome single flowering Cherry, coming into flower in April. Flowers clear pink fading to pale pink as it ages, are about 1 in. wide, opening in great profusion. The tree grows as broad as tall, reaching to about 30 to 35 ft. This is one of the showiest flowering Cherries in our entire collection. Price upon application.

**SENRIKO.** Almost single; a beautiful pink flowering variety. Fine habit of growth, making up into an attractive medium sized tree.

**SUBHIRTELLA-PENDULA SHIDARE-HIGAN.** (Weeping Japanese Flowering Cherries). The earliest Flowering Cherry. Graceful, slender drooping branches covered with single pink flowers. Excellent as specimen for the lawn or avenue planting. 4 to 5 ft. \$5.00. 5 to 6 ft. \$7.50, 6 to 7 ft. \$10.00. Standards, \$5.00 to \$7.50.

**TORANO-O** (Tiger's Tail). Small tree to 12 ft. high. Buds white or faintly pink. The long leafless branches covered with the numerous white flowers suggests Tiger's Tails to the Japanese. Thus the name.

**WASE-MIYAKO.** Double pink blossoms practically cover a stately small tree. This Jap. Cherry is very attractive and we consider it among the best of all varieties.

**YAE-AKEBONO.** Double pink. A fine bloomer. This variety is also among the best. Grows into a splendid showy small tree. A beautiful variety that is well placed along the driveway.

**YAEMURASAKI.** (Double Purple). Tree of medium size. Flowers uniformly rosy-pink, nearly 2 in. across, resembling apple blossoms, in short-stemmed clusters of 3 or 4, the clusters crowded in ball-like masses. One of the finest of all.

**YOSHINO** (*Yeddensis*). A wide spreading tree that grows to 45 ft. high. This is the popular variety planted in the Tidal Basin, Washington, D. C. Flowers are single and are pink. A fine variety that should be used as shade trees and for avenues.

**KIKU-SHIDARE** (Weeping Chrysanthemum) (Cheal's Weeping). Double pink weeping Japanese Cherry. Very double, large, deep pink flowers. A very striking and beautiful plant when used as an isolated specimen in a broad open lawn. 3 yr. heads \$5.00, 4 yr. heads \$7.00.

**NO. 46.** Double; deep pink blossoms that hold its color well. Upright tree type. A beautiful cherry.

Due to shortage of help for the past few years, only a few of the Flowering Cherries have had a reproduction of small plants. If you are only interested in small sized plants, please write us, stating varieties you want, and we will gladly advise if we can supply them, giving prices.

Many varieties of Flowering Cherries are available. 2 yr. grafts at \$1.50 to \$2.50 each.

### PYRACANTHA—FIRETHORNS

**COCCINEA.** Dense shrub having sturdy branches armed with stout thorns. Handsome brilliant scarlet berries in fall.

**LELANDI.** Upright dense shrub with rich glossy leaves. Fruit in fall is bright red. Handsome when trained against wall or building.

**CRENULATA.** Upright, yet spreading habit shrub, with fruit orange-red.

**CRENULATA FLAVA.** Similar to preceding, with yellow fruit.

**CRENULATA ROGERSIANA.** Leaves larger than Crenulata. A very glossy green. Fruit reddish-orange.

**CRENULATA ROGERSIANA-AURANTICA.** Similar to preceding, with bright yellow fruit.

**CRENATO-SERRATA** (*Yunnensis Gibbsi*). Vigorous growing shrub very free fruiting. Berries are bright-red. Not perfectly hardy in the north.

**PAUCIFLORA.** An improved form of Coccinea, with spreading habit and fruit a bright red. Dense grower.

**SAN JOSE.** Handsome upright form with large dark green leaves, and large brilliant red fruit.

**KANSUENSIS.** Rather rangy growth, developing to a fairly large shrub. Fruit bright red. 4 in. pot plants \$1.50 and \$2.00. 5 in. pot plants \$2.50 and \$3.00.

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**PSEUDO LARIX AMABILIS.** Handsome tree with evergreen-like foliage, golden yellow to green. Drops foliage in late fall. 4 in. pot plants, 18 to 22 in. \$2.00, 22 to 26 in. \$3.00.

**PSEUDO STYRAX HISPIDA.** Fragrant epaulette tree. Tree to 30 to 35 ft. with creamy-white flowers in panicles 9 in. long. 5 to 6 ft. \$3.50, 6 to 8 ft. \$5.00.

### PYRUS—PEARS

**CALLERYANA.** Tree to 35 ft. with broad-ovate to ovate leaves. Flowers pure white. Very handsome when in flower.

**CHOJURE.** Pear from Japan. Tree bearing handsome fruit, a rich golden to golden-brown, oval shaped. A very handsome ornament. Rare. 3 to 4 ft. \$5.00. 2 yr. grafts \$1.50.

**SHINCHU.** Pear from Japan. Handsome oval shaped fruit, shaded orange-yellow. 2 to 3 ft. \$3.50, 2 yr. pot graft \$1.50.

**WASEAKA.** Pear from Japan. Attractive oval shaped fruit a golden hue. 2 to 3 ft. \$3.50, 3 to 4 ft. \$5.00, 2 yr. pot grafts \$1.50.

### SCIADOPITYS

**VERTICILLATA.** Japanese Umbrella Pine. Handsome with wide thick leaves, shining green above and a line of white beneath. Branches and peculiar growth of the leaves, in parasol-like whorls, give this tree a very distinctive individuality.

### SARCOCOCCHA

**HOOKERIANA. (Humilis).** Low growing evergreen shrub to 12 in. Excellent when grown in partial shade. Leaves are handsome dark green, and the flowers very dainty, are white or creamy-white. Fruit is red in late fall. Forms a broad mat by sending up new running shoots from beneath the ground. Small plants \$1.00, 8 to 10 in. \$2.50, 10 to 12 in. \$3.50.

**RUSCIFOLIA.** Similar to preceding, but with little taller growth. This Sarcococca grows up to 18 inches high. Very lovely. 10 to 15 in. \$2.50.

### SERISSA

**FOETIDA VARIGATA-YELLOWRIM.** Deciduous small shrub to about 3 ft. Leaves, small box-like, are margined pale yellow with light green center. The flowers are very dainty, and occasionally are produced throughout the summer. In early summer they burst forth in quantities and are white. Pot plants \$1.00 and \$1.50.

### SOPHORA

**JAPONICA.** Pagoda Tree. Tree to 35 or 40 ft. with small attractive foliage, light green to medium shade of green. The flowers are white and borne in panicles abundantly during August.

**JAPONICA PENDULA.** Weeping Pagoda Tree. Slow growing weeping tree with curious weeping branches. Usually attains 15 to 20 ft. high and about the same width, but it requires many years, due to its slow growth. It is supposed to bear white flowers, but we have not had our plants to flower yet. 2 yr. grafts \$3.00, 3 yr. grafts \$4.50.

**JAPONICA-TORTUOSA.** Very unusual and rare. Twisted branches and leaves are very curious. Has not been tested for hardiness but we doubt if it can be grown outdoors north of Virginia.

**VICIFOLIA** (Vetchleaf Sophora). Deciduous shrub with flowers very pale-blue, most attractive. The leaves are small and very graceful. A splendid slow growing shrub.

### SORBARIA FALSE-SPIREAS

**STELLIPILA.** Somewhat similar to Sorbifolia, but the leaves are more or less stallat-pubescent beneath. We also consider this Sorbaria a bit more free flowering, and the flowers are quite attractive. Suckers very freely. 3 to 4 ft. \$2.00.

### STEWARTIAS

**KOREANA.** Tree to 45 ft. with upright branches. Bark flaky, red-brown. Flowers white, very showy in July. Leaves turn orange or orange-red in fall.

**MONADELPHA.** Tree to 75 ft. Leaves oval to oval-oblong, acute at both ends, remotely serrulate, 1½ to 2½ inches long. Flowers white, 1½ inches across, with violet anthers. July.

**PENTAGYNA.** Mountain Stewartia. Leaves very brilliant in fall. This Stewartia grows about 15 ft. high and forms a rather pyramidal appearance with branches closely set. It is handsome even without flowers or fall coloring of leaves. The flowers are handsome creamy-white, 4 to 5 in. across. 3 to 4 ft. \$2.50, 4 to 5 ft. \$3.50, 5 to 6 ft. \$5.00, 6 to 7 ft. \$7.50.

**PSEUDO-CAMELLIA.** Small tree with showy white flowers, cup-shaped, appearing in July. The bright green leaves turn orange to scarlet in fall. 2 to 3 ft. \$3.00, 3 to 4 ft. \$4.00, 4 to 5 ft. \$5.00.

**SERRATA.** Shrub or small tree. Leaves elliptic or obovate, 1½ to 2¾ in. long, serrate with incurved teeth. Flowers white, 2 to 2½ in. across, with large bracts at base. Petals red at base outside.

**SINENSIS.** Small tree to 30 ft. Leaves serrate-edged, 2 to 4 in. long which color nicely in fall. Flowers white, 2 in. across. Calyx red, very showy. The earliest Stewartia to come into flower, usually about June 10 to 15.

### STRANVESIA

**DAVIDIANA.** Very attractive shrub with handsome foliage and fruit. Usually grows from 15 to 20 ft. high with spreading branches. Fruit turns scarlet in fall. 1½ to 2 ft. \$2.00.

**UNDULATA.** Usually a lower grower than preceding form. Fruit is coral-red to orange. 18 to 24 in. \$2.50.

### STYRAX-SNOWBELLS

**JAPONICA.** Shrub or small tree up to 30 ft. with slender spreading branches. Very handsome in bloom with its numerous gracefully pendulous white flowers. 2 to 2½ ft. \$2.00.

**OBASSIA.** Small tree to 30 ft. with ascending branches, and very large broadly obovate leaves. Flowers are fragrant and very showy, in racemes 5 to 7 in. long, followed with ornamental fruit. 12 to 18 in. \$1.50, 18 to 24 in. \$2.00, 24 to 30 in. \$2.50.

### SYMPLOCOS

**PANICULATA.** Sapphire Berry. Attractive shrub or small tree with compact growth bright green leaves. The conspicuous fragrant white flowers in spring, followed with very handsome bright blue fruit in early fall, makes this one of the handsomest among shrubs. Very dense branching habit. 18 to 24 in. \$1.50, 24 to 30 in. \$2.00.

### LILACS

Lilacs are favorites in our gardens. In spring, starting in April, they begin flowering and by selection of varieties and species, there is a continuation or prolonged succession of lilac flowering until early June. Two species, Microphylla and Potanini, even repeat with occasional flowers during the late summer.

Lilacs can be planted either in the fall or early spring. Their requirements are simple, they like plenty of sun and light, they need soil that is free from any acid, well drained, though heavy enough to hold moisture. Feeding with old rotted cow manure and bone meal stimulates strong growth, good color and large flower heads, which is the best repellent against insects though only a very few are attracted by the lilac. Borers, which work in through the stem of the plant and into the heart, are the worse, and for this reason it is best to allow several shoots to grow from the base rather than just one. A stem infested with borers can be severed from the plant and the remaining stems will still provide a fairly good plant, while if the lilac is grown with only one stem allowed from the base, to cut off this would provide you with no plant at all until new shoots sprouted from the bottom, if at all. They like their roots cool so never plant them shallow and they feed from roots nearest the surface, therefore always apply food scratched into the surface and water well. They want plenty of water but make certain that it drains well for they will die in a position that is most always wet.

### LILAC SPECIES

Approximate flowering dates at Kingsville, Maryland:

- Oblata and varieties, April 10th to 20th.
- Chinensis and varieties, April 25th to May 10th.
- Juliana — Microphylla — Meyeri — Persica and form.
- Pinnatefolia — Pinetorum — Potanini — Pubescens.
- Emodi and varieties, May 10th to 20th.
- Henryi — Josikaea — Komarowi — Reflexa — Sweginzowi — Tomentella — Volutina — Wolfi — Yunnanensis.
- Amurensis and varieties, May 20th to June 10th.
- Amurensis Japonica — Pekinensis.
- AMURENSIS JAPONICA.** Tree to 20 ft. Pale chalcedonia-yellow.
- CHINENSIS SANGEANA.** Shrub to 15 ft. Buds helleborus-red opening laelia-pink.
- HENRYI LUTECE.** Shrub to 10 ft. Buds perilla-purple opening purple-lilac.
- JOSIKAEA.** Shrub to 12 ft. Buds dusky purple opening Hay's lilac.
- JULIANA.** Shrub to 6 ft. Buds Indian-purple opening lilac-pink.
- JULIANA-HERS** Var. Shrub to 6 ft. Buds and flowers dark Indian-red.
- KOMAROWI.** Shrub to 8 ft. Buds hellebore-red opening daphne-red.
- MICROPHYLLA.** Shrub to 6 ft. Laelia-pink to pale flesh-pink.
- MEYERI.** Shrub to 6 ft. Carmine to argyle-purple.
- OBLATA.** Shrub to 12 ft. Buds laelia-pink opening lilac.
- OBLATA DILATATA.** Shrub to 10 ft. Buds Hay's-lilac opening pale pink.
- OBLATA GIRALDI.** Shrub to 8 ft. Buds purple, opening argyle-purple.
- OBLATA GIRALDI "AFFINIS."** White flowered form of preceding.
- PEKINENSIS.** Tree to 15 ft. Pale chalcedonia-yellow.
- PERSICA.** Shrub to 6 ft. Rhodonite-pink to laelia-pink.
- PERSICA LACINATA.** Similar to preceding, with lanceolate leaves.
- PINNATEFOLIA.** Shrub to 8 ft. Buds greenish yellow opening marguerite.
- PINETORUM.** Shrub to 8 ft. Pale lavender-rose to laelia-pink.
- POTANINI.** Shrub to 15 ft. Violet-laelia-pink.
- PUBESCENS.** Shrub to 8 ft. Buds purple-lilac opening purplish-lilac.
- REFLEXA.** Shrub to 10 ft. Buds carmine opening rhodonite-pink.
- SWEPINZOWI.** Shrub to 15 ft. Buds orange-vinaceous opening white.
- TOMENTELLA.** Shrub to 15 ft. Rhodonite-pink to pale rhodonite-pink.
- YUNNANENSIS.** Shrub to 12 ft. Buds light russet-vinaceous opening pale purplish-vinaceous.
- WOLFI.** Shrub to 18 ft. Perilla-purple opening light perilla-purple.
- VELUTINA.** Shrub to 10 ft. Buds vinaceous-lilac tinged white, opening white tinged light vinaceous-lilac.
- PALIBINIANA.** Shrub form of Velutina with broader leaves and wider habit of growth, branches being more arching.
- EMODI.** Shrub to 15 ft. Buds pale chalcedony-yellow tinged with rhodonite-pink, opening pink.

The preceding lilac species are available, some in sizes \$1.50 and \$2.00, while others are available only in sizes \$2.50 to \$4.00. Please advise lilac species you desire and we will gladly write you the sizes and costs.

#### Josiflexa Group (*JOSIKAEA x REFLEXA*)

Should be strong growers of the species type.

**GUINEVERE.** No record of color.

**BELLICENT.** Single. Pinkish.

**ROYALTY.** Single. Purple.

Preceding two groups available in sizes \$2.00 and \$2.50 each.

### Prestoniae Group (*Villosa x Reflexa*)

**ALICE.** No record of color.  
**AUDREY.** Pinkish.  
**CORAL.** Pinkish.  
**HANDEL.** Pinkish and Magenta.  
**HECLA.** Fuschia-purple.  
**HIAWATHA.** No record of color.  
**ISABELLA.** Fischine-pink.  
**JESSICA.** Violet.  
**LESSICA.** No record of color.  
**NERISSA.** Pinkish.  
**NOCTURNE.** Bluish.  
**OLIVIA.** No record of color.  
**PAULIA.** Fuschine-pink.  
**REDWINE.** Magenta.  
**REGAN.** No record of color.  
**ROMEO.** Pinkish.

Field plants, 18 to 36 in., \$2.00 to \$3.50 each, are available of the Prestoniae Group preceding.

### Giraldi Hybrids

#### (*VULGARIS x OBLATA GIRALDI*)

These are in appearance as those of Vulgaris hybrids in foliage and growth, though they generally are strong growers and need space. Most of them are single flowered types and are early flowering.

**BUFFON.** Single. Flowers pinkish-blue, heavy bloomer.  
**CATINAT.** Single. A shade of pink.  
**CLAUDE BERNARD.** Lilac-pink. Very strong grower.  
**DESCARTES.** Single. Dahlia carmine opening rosy-mauve.  
**LAMARTINE.** Single. Buds purple-rose opening rosy-mauve.  
**LOUVOIS.** Single. Purple-lilac.  
**NECKER.** Single. Shade of pink.  
**PASCAL.** Single. Clear lilac.  
**VAUBAN.** Double. Lilac-pink.  
**EVANGELINE.** Double. Magenta.

Preceding group available in sizes \$2.00, \$3.00, and \$4.00 each.

### Dilatata Hybrids

#### (*VULGARIS x DILATATA*)

This group still to be observed before we can suggest any characteristics.

**EXCEL.** Single. Lilac.  
**MINNEHAHA.** Single. Pink.  
**NOKOMIS.** Single. Lilac.  
**POCAHONTAS.** Single. Purple.

### Miscellaneous Types

These are either forms of Species or their hybrids.

**GRACE MACKENZIE.** (*Persica alba x Oblata Dilatata*). Shrub to 8 ft. No record of color.  
**HENRYI-EXIMEA.** A form of the species Henryi. Shrub to 8 to 10 ft., growing broad. Flowers late spring. Purplish-lilac.  
**HEDIN.** (*Villosa x Sweginzowi*). Shrub to 20 ft. Single. Pinkish.  
**PERSICA ALBA.** Shrub to 6 ft. White.  
**REFLEXA ALBA.** Shrub to 10 ft. Nodding flowers white.  
**REFLEXA PALLENS.** (*Reflexa x Tomentella*). Shrub to 10 ft. Pale pink.  
**SWEGINZOWI ALBIDA.** (*Sweg. x Tomentella*). Shrub to 15 ft. Pale pink.  
**SWEGIFLEXA.** (*Sweginzowi x Reflexa*). Shrub to 20 ft. Large flower heads loose and open. Deep pink, fading white.  
**VILLOSA STREFLEXA.** Shrub to 12 ft. Salmony-pink.

Preceding group available in sizes \$2.00 and \$2.50 each. Few in larger sizes.

### Vulgaris Hybrids

The following group of lilacs are those better known. These have a very wide range of color shades; they are handsome in flower, some single and some double flowered. In this group are many that have attracted us over the past years and many new ones added to the collection. The collection is large and perhaps confusing to beginners selecting varieties, therefore we have placed an asterisk in front of the names of those that are well recommended. This group is known as Vulgaris hybrids.

**WHITE FLOWERING GROUP**

- EDITH CAVELL.** Double. Bud greenish-yellow opening a fine white.  
**ELLEN WILLMOTT.** Double. Very fine white.  
**JAN VAN TOL.** Single. Very large white flowers.  
**JEANNE D'ARC.** Double. Large white flowers.  
**MARIE LEGRAYE.** Single. Viridine-yellow opening white.  
**MARIE FINON.** Single. White.  
**MIREILLE.** Double. White.  
**MME. ABEL CHATENAY.** Double. White, large trusses.  
**MME. AUG. GOUCHAULT.** Double. White.  
**MME. CASIMER PERIER.** Double. White, very fragrant.  
**MME. FLORENCE STEPMAN.** Single. Viridine-yellow opening white.  
**MME. LEMOINE.** Double. White. Free flowering.  
**MME. FELIX.** Single. White.  
**MONT BLANC.** Single. A very handsome white.  
**MONUMENT.** Single. A fine white novelty.  
**PEARL.** Single. White.  
**PRINCESS ALEXANDRA.** Single. White.  
**PROF. E. H. WILSON.** Double. White.  
**VESTALE.** Single. White. One of the best.  
**WHITE SWAN.** Single. White.

**VIOLET FLOWERING GROUP**

- CAVOUR.** Single. Indian-purple opening argyle-violet.  
**DE MIRIBEL.** Single. Argyle-purple-violet.  
**HENRI ROBERT.** Double. Violet.  
**MARECHAL LANNES.** Double. Violet vinaceous, opening argyle-violet.  
**MAXIMOWICZ.** Double. Violet.  
**VIOLETTA.** Double. Buds deep carmine purple opening argyle-violet.

**BLUE AND BLUE TONED GROUP**

- ABEL CARRIERE.** Double. Buds deep vinaceous opening lavender-blue.  
**AMI SCHOTT.** Double. Deep cobalt-blue with paler reverses. Novelty.  
**AMABASSADEUR.** Single. Large blue. Novelty.  
**AUCUBAEFOLIA.** Double. A variegated leaved form of the well known Pres. Grey. Buds hellebore-red opening blue.  
**BLEUATRE.** Single. Free flowering blue.  
**CHARLES SARGENT.** Double. Mauve opening blue.  
**DECAISNE.** Single. Vinaceous opening clear azure-blue.  
**DIPLOMATE.** Single. Cobalt-blue. Novelty.  
**DOYEN KETELEER.** Double. Bud purple-vinaceous open pale violet-blue.  
**EMILE GENTIL.** Double. Buds dark lavender opening bluish-violet.  
**GENERAL PERSHING.** Double. Eupatorium-purple, opening pinkish-blue.  
**JULES SIMON.** Double. Purple-vinaceous opening lobelia-blue.  
**MAURICE BARRES.** Single. Lovely azure-blue.  
**MOONLIGHT.** Single. Blue.  
**OLIVER DE SERRES.** Double. Blue.  
**MRS. A. BELMONT.** Single. Blue.  
**PRES. GREVY.** Double. Buds hellebore-red opening lavender-blue.  
**PRES. LINCOLN.** Single. Clear blue.  
**RENE JARRY DESLOGES.** Double. Deep purple-vinaceous opening violet-blue.  
**SOUV. HENRY SIMON.** Single. Metallic-blue.  
**SUNOL.** Double. Blue. Very fragrant.  
**TRUE BLUE.** Single. Blue.

**LILAC SHADES AND NEAR LILAC SHADES GROUP**

- ALPHONSE LAVELLE.** Double. Pale lavender-lilac.  
**CHARLES BALLET.** Double. Tourmaline-pink-lilac.  
**CHRISTOPHE COLOMB.** Single. Vinaceous-lilac.  
**EMILE LEMOINE.** Double. Purple-vinaceous opening violet-pink lilac.  
**JACQUES CALLOT.** Single. Deep purple opening purplish-lilac.  
**HIPPOLYTE MARINGER.** Double. Clear lilac.  
**LEON GAMBETTA.** Double. Cinnamon-drab opening pinkish-lilac.  
**LEOPOLD II.** Single. Deep purple opening purplish-lilac.  
**MICHAEL BUCHNER.** Double. Purple-vinaceous opening pink-lilac.

**PRES. FALLIERES.** Double. Indian-purple opening vinaceous-lilac.  
**SOUV. LOUIS THIBAUT.** Double. Perilla-purple opening purple-lilac.  
**THUNBERG.** Double. Pinkish-lilac overlaid purple.  
**VICTOR LEMOINE.** Double. Bluish-lilac.

#### PINK AND PINKISH TONED GROUP

**BELLE DE NANCY.** Double. Deep vinaceous opening to laelia-pink.  
**BOUSSINGAULT.** Double. Perilla-purple opening lavender-pink.  
**CAPITAINE PERRAULT.** Double. Large rosy-mauve-pink.  
**CONDORCET.** Double. Neutral-red opening pale laelia-pink.  
**JEAN MACE.** Double. Purple-vinaceous opening pinkish-lilac.  
**JULES FERRY.** Double. Perilla-purple opening silvery-mauve-pink.  
**\*KATHARINE HAVEMEYER.** Double. Vinaceous-lilac opening lobelia-pink.  
**\*LUCIE BALLET.** Single. Rhodonite-pink opening coppery old-rose.  
**MME. ANTOINE BUCHNER.** Double. Laelia-pink.  
**MONTAIGNE.** Double. Deep vinaceous-purple opening pale laelia-pink.  
**PRES. LEBRUN.** Single. Pink toned.

#### MAGENTA TO REDDISH-PURPLE GROUP

**ALINE MOCQUERIS.** Single. Dahlia-carmine opening Bishop's purple.  
**ALEXANDER HAMILTON.** Double. Violet-lavender.  
**CHARLES X.** Single. Argyle-purple. Very popular variety.  
**CAPITAINE BALLET.** Single. Violet-lilac.  
**CONGO.** Single. Reddish-purple. Large flowers.  
**EDEN.** Single. Clear reddish-purple.  
**GLORY.** Single. Reddish-purple.  
**GEORGES BELLAIR.** Double. Purple-red opening wall-flower violet.  
**HUGO DE VRIES.** Single. Dark reddish-purple. Large.  
**LADY LINDSAY.** Single. Reddish-purple.  
**LEON SIMON.** Double. Magenta to reddish-purple.  
**LOUIS HENRY.** Double. Deep vinaceous opening reddish-lilac.  
**MARECHAL FOCH.** Single. Tourmaline-pink opening deep carmine to pink.  
**MARCEAU.** Single. Eupatorium-purple.  
**MASSENA.** Single. Large florets, purple-red.  
**MME. F. MOREL.** Single. Large flowers and large head, lobelia-violet.  
**MRS. EDWARD HARDING.** Double. Reddish-purple.  
**OTHELLO.** Single. Perilla-purple opening purplish-lilac.  
**PAUL THIRION.** Double. Neutral-red opening deep claret.  
**PRES. LOUBET.** Double. Daphne-red to eupatorium-purple.  
**PRES. POINCAIRE.** Double. Eupatorium-purple to tourmaline-pink.  
**PRISCILLA.** Single. Reddish-purple.  
**REAUMUR.** Single. Neutral-red opening purple tinged Saccardo's red.  
**RUHM VON HORSTENSTEIN.** Single. Magenta to reddish-purple, in large clusters.  
**SENATEUR VOLAND.** Double. Reddish-purple.  
**WM. ROBINSON.** Double. Liseran-purple opening Tourmaline-pink.

#### PURPLE OR DEEP PURPLE GROUP

**ADELAID DUNBAR.** Double. Dark-red.  
**DANTON.** Single. Auricula-purple to deep purple.  
**DIDEROT.** Single. Claret-purple in long clusters.  
**DE SAUSSURE.** Double. Dahlia-carmine opening Eupatorium-purple.  
**EDMOND BOSSIER.** Single. Deep purple opening Chinese-violet.  
**ETNA.** Single. Deep claret-purple.  
**LA PLACE.** Single. Dahlia-carmine opening Bishop's purple.  
**L'ONCLE TOM.** Single. Dahlia-carmine opening argyle-purple.  
**LEON MATHIEU.** Single. Red opening Eupatorium-purple.  
**LUDWIG SPAETH.** Single. Carmine opening rose-purple.  
**MONGE.** Single. Purple.  
**MRS. TRAPMAN.** Single. Purple.  
**MRS. W. E. MARSHALL.** Single. Deep purple-crimson.  
**NIGHT.** Single. Purple.

**PAUL HARIOT.** Double. Dahlia-carmine opening Bishop's-purple.

**PRODIGE.** Single. Deep purplish-red. Novelty.

**ROI ALBERT.** Single. Neutral-red opening purple.

**SARAH SANDS.** Single. Purple.

**VESUVE.** Single. Dark purple.

**VOLCAN.** Single. Indian-lake opening magenta-purple.

**ZULU.** Single. Purple.

**"KINGSVILLE."** Single. Seedling originating here at Kingsville. Very handsome. Deep claret-wine.

**"SPORT OF EDMOND BOSSIER."** Originating here at Kingsville. Single. Very handsome. Chinese-violet with curving petals, showing reverse side of petal which is metallic-purple.

Preceding Lilacs under the heading "Vulgaris Hybrid" are available in sizes ranging from 12 to 18 in. to 3 to 4 ft. and are priced at \$1.50, \$2.00, \$2.50, \$3.00 and \$3.50 each.

Not all the varieties are available in all sizes, therefore, please state when ordering, "Should size ordered not be available, that we should send the next nearest that can be supplied." Example: \$2.00 size may not be available of an ordered variety, but we may be able to supply it in sizes \$1.50 or \$2.50.

### TAXUS—YEWS

**BACCATA.** Pyramidal yew of compact growth and very dark green leaves. 18 to 24 in. \$4.50, 24 to 30 in. \$6.00.

**BACCATA AUREA.** Golden English yew. Pyramidal form, compact, with bright golden-yellow leaves. 3 to 4 ft. \$10.00.

**BACCATA CHESHUNTENSIS.** Upright yew with ascending branches and narrow dark green leaves, bluish-green beneath. Very attractive. 24 to 30 in. \$7.50, 30 to 36 in. \$9.00.

**BACCATA DOVASTONI.** Strong growing yew with wide spreading branches. Leaves a rich green. Should be given ample space.

**BACCATA ELEGANTISSIMA.** Vigorous growing yew with leaves striped yellow, the older ones with whitish margin.

**BACCATA HIBERNICA.** Irish Yew. Handsome fastigiate yew with crowded upright branches. Growth is slow which makes it an ideal yew for small place. The leaves are very dark green and radially arranged around the branches. Not hardy further north. 24 to 30 in. \$6.00, 30 to 36 in. \$8.00, 36 to 42 in. \$10.00.

**BACCATA ADPRESSA.** Tardiva. A very handsome yew with spreading branches that are short and stiff. This yew does not grow fast but does develop into a handsome specimen over years. The leaves are short and dark green. 15 to 18 in. \$3.50, 18 to 24 in. \$6.00.

**BACCATA REPANDENS.** Low growing yew generally 18 in. high, but with wide spreading branches covering quite an area of ground. The leaves are dark green, and the plant is ideal where a spreading low plant is needed. 10 to 12 in. spread \$2.00, 18 to 24 in. spread \$6.00, 24 to 30 in. spread \$8.00.

**BACCATA FASTIGIATA VARIEGATA.** Variegated Irish Yew. Compact upright fastigiate yew with bright golden edged leaves. 24 to 30 in. \$6.00, 30 to 36 in. \$8.00, 3 to 4 ft. \$12.00.

**BACCATA WASHINGTONI.** Wide spreading yew with leaves golden-yellow, particularly beneath. 18 to 24 in. \$6.00, 24 to 30 in. \$8.00.

**CANADENSIS.** Canadian Yew. Spreading yew of medium height, preferring partial shade. The foliage is a rich green, though if planted in full sun, it will tarnish. 24 to 30 in. \$6.00.

**CHINENSIS.** Chinese Yew. Very handsome with its large leaves a rich green. The branches spread and are rather open, though it responds to pruning and develops the inner part nicely. 18 to 24 in. \$5.00, 24 to 30 in. \$7.50.

**CUSPIDATA.** Japanese Yew. One of the most useful of all yews. Spreading habit, yet dense, and can be clipped to hold a moderate size. The leaves are dark green. 15 to 18 in. \$4.00, 18 to 24 in. \$5.00, 24 to 30 in. \$7.50, 30 to 36 in. \$10.00, 36 to 42 in. \$13.50.

**CUSPIDATA CAPITATA.** Upright growing form of the above. 30 to 36 in. \$8.00, 36 to 42 in. \$12.50, 42 to 48 in. \$17.50.

**CUSPIDATA COLUMNARIS COMPACTA.** Narrow upright or fastigiate for yew, a lustrous dark green. The growth is definitely fastigiate, making a narrow form in proportion to the height. Very handsome and useful. 18 to 24 in. \$4.00, 24 to 30 in. \$6.00, 30 to 36 in. \$8.00.

**CUSPIDATA AUREA.** *Tardiva Aurea.* Low growing yew with new leaves a bright golden-yellow, changing darker as they age. 15 to 18 in. \$4.00, 18 to 24 in. \$6.00.

**CUSPIDATA NANA.** Slow growing dwarf, compact yew, with very dark green leaves and short growths. Very characteristic. 12 in. \$2.00, 12 to 15 in. \$2.50, 18 to 24 in. \$6.00, 24 to 30 in. \$10.00, 30 to 36 in. \$13.50.

**CUSPIDATA OVATA.** A very handsome yew (cross between Cuspidata and Hibernica) with very dark green leaves, and a profusion of red berries. It has upright habit of growth, yet broad, making a plant about two-thirds as wide as it is tall. This yew is handsome as a specimen, and as a hedge, it is perfect. 24 to 30 in. \$6.00, 30 to 36 in. \$8.00, 36 to 42 in. \$10.00.

**CUSPIDATA THAYERAE.** Low spreading form of yew with green foliage. Fruits very freely. 12 to 15 in. \$1.50, 18 to 24 in. \$5.00, 24 to 30 in. \$7.50, 30 to 36 in. \$10.00.

**CUSPIDATA VEREULEN.** Compact upright yew, dense branches, broad at base and narrow at top. Dark green leaves and red fruit. 18 to 24 in. \$4.00, 24 to 30 in. \$6.00, 30 to 36 in. \$8.00, 36 to 42 in. \$10.00.

**HUNNEWELLIANA.** Hunnewell Yew. Resembles Cuspidata, but of slenderer habit and the slenderer and narrow leaves, lighter green and assuming a reddish tint in winter. (In partial shade the color holds green). 18 to 24 in. \$4.00, 24 to 30 in. \$6.00, 30 to 36 in. \$8.00.

**MEDIA ANDERSONI.** Vase-shaped yew of wide spread. Develops into a handsome specimen, and as a hedge, it displays well. 24 to 30 in. \$7.50, 30 to 36 in. \$10.00.

**MEDIA BROWNI.** Dense growing yew with dark green leaves. Shears to a perfect specimen, either as pyramidal or globular form. 18 to 24 in. \$5.00, 24 to 30 in. \$7.50, 30 to 36 in. \$10.00, 36 to 42 in. \$12.50.

**MEDIA HATFIELD.** Very compact pyramidal yew of handsome appearance. The natural conical form, and dark green foliage, make it a very useful yew. 18 to 24 in. \$4.00, 24 to 30 in. \$6.00, 30 to 36 in. \$8.00.

**MEDIA HICKSI.** Well known columnar yew which usually sends up more than one leader growth. Being a fast grower, it is ideal for training against walls or buildings, or, in foundation plantings it acts perfectly where a columnar formed plant is needed. 15 to 18 in. \$3.00, 18 to 24 in. \$4.00, 24 to 30 in. \$6.00, 30 to 36 in. \$8.00, 36 to 42 in. \$10.00, 42 to 48 in. \$12.50, 4 to 5 ft. \$15.00, 5 to 6 ft. \$17.50.

**MEDIA KELSEYI.** Slow growing upright yew with good dark green leaves and bright red berries. This yew is noted for its habit of fruiting on very young plants. 18 to 24 in. \$5.00, 24 to 30 in. \$7.50, 30 to 36 in. \$10.00.

**MEDIA WELLESLEYIANA.** Broad, dense columnare yew with dark green leaves. Very handsome as a specimen. 18 to 24 in. \$4.00, 24 to 30 in. \$6.00, 30 to 36 in. \$8.00, 36 to 42 in. \$10.00.

### THUJOPSIS

**DOLBRATA-NANA.** *Hiba Arborvitae.* Dwarf, slow growing evergreen with leaves light green, and conspicuous white patches beneath. The branches nod at end and is quite attractive. Potted plants. 12 to 18 in. \$2.00, 18 to 24 in. \$3.00.

### TRIPTERYGIUM

**REGELI.** Sarmentose shrub to 6 ft. or climbing high into trees. Very hardy and valued for its large leaves and the large panicles of whitish flowers. 1 yr. plants \$1.50..

### TSUGA—HEMLOCK

**CANADENSIS.** Common Hemlock. Growing occasionally to 60 ft. or more. Responds readily to hard shearing, which creates a very thickly branched tree. 8 to 10 in. bedded \$1.00, 3 to 4 ft. B&B \$8.00, 4 to 5 ft. B&B \$10.00.

**CANADENSIS MICROPHYLLA.** (*Parvifolia*). A very handsome compact Hemlock with magnificent foliage and appearance. 2 yr. pot plants \$1.50, 18 to 24 in. B&B \$5.00.

**CANADENSIS PENDULA.** (*Sargent's Weeping*). Low form with pendulous branches, forming a dense hemispherical bush broader than high. 2 yr. pot plants \$2.00, 3 yr. pot plants \$3.00.

**CANADENSIS ALBA SPICA.** Beautiful Hemlock with leaves colored green and white. 2 yr. pot plants \$2.00, 3 yr. pot plants \$3.00, 18 to 24 in. B&B \$5.00.

**CANADENSIS ATROVIRENS.** Very dark shiny green leaves and rather compact growth. 2 yr. pot plants \$2.00, 3 yr. pot plants \$3.00.

**CANADENSIS MINIMA.** Very slow growing, fountain-like Hemlock with branches recurving. A real gem. 2 yr. pot plants \$2.00, 3 yr. pot plants \$3.00.

**CANADENSIS FREMDI.** Compact, very slow growing pyramidal form Hemlock, with dark lustrous foliage. 2 yr. pot plants \$2.00, 3 yr. pot plants \$3.00.

**CANADENSIS PROSTRATA.** Very low spreading Hemlock, in prostrate form. Small plants \$1.50.

**CANADENSIS POMFRETTI.** Compact pyramidal Hemlock with small leaves. 2 yr. pot plants \$2.00.

**CANADENSIS TAXIFOLIA.** Upright growing Hemlock with taxus-like leaves. 2 yr. pot plants \$2.00, 3 yr. pot plants \$3.00.

**CANADENSIS CINNAMONIUM.** Slow growing Hemlock with small leaves, a cinnamon-tree. 2 yr. pot plants \$2.00, 3 yr. pot plants \$3.00.

**CANADENSIS BRADSHAW.** Hemlock tree, originating here at Kingsville. A perfect pyramidal form of great density. This is one of the handsomest Hemlocks in our entire collection. The crowded lateral branches layer over one another, forming a wide base, and taper to the apex. The pyramidal form is natural without clipping, and the leaves show plainly the narrow white markings on the underside of the leaf. 2 yr. pot plants \$2.00, 3 yr. pot plants \$3.00.

**CANADENSIS KINGSVILLE.** Hemlock tree, originating here at Kingsville. A very narrow fastigiate form of most unusual appearance. The original tree is 18 ft. high, 3½ ft. wide at base, and tapers all the way to the apex. We can only offer grafted plants in 4 in. pots, these being now 2 years growth. 2 yr. pot plants \$2.00, 3 yr. pot plants \$3.00.

**CANADENSIS GLOBOSA.** This Hemlock grows in globular shape, producing many branches from the base. Fits well in foundation plantings as well as a specimen on the lawn. 2 yr. pot plants \$2.00, 3 yr. pot plants \$3.00.

**CANADENSIS PYRAMIDALIS.** Narrow upright growth forming a pyramid of dark green. 2 yr. pot plants \$2.00, 3 yr. pot plants \$3.00, 3 to 4 ft. B&B \$10.00.

**CAROLINIANUM.** Carolina Hemlock. Large growing evergreen tree with often pendulous branches forming a compact pyramidal head. 12 to 18 in. \$2.00, 2 to 3 ft. \$5.00.

**DIVERSIFOLIA.** Japanese Hemlock. A very graceful Hemlock with crowded branches, forming a pyramidal head. Leaves glossy and dark green above, with narrow white bands below. 2 yr. pot plants \$2.00, 3 yr. pot plants \$3.00.

**HETEROPHYLLA.** Western Hemlock. Handsome tree of rapid growth. 2 yr. pot plants \$2.00, 3 yr. pot plants \$3.00.

**MERTENSIANA.** Mt. Hemlock. Tall growing Hemlock, forming an open pyramidal effect. 2 yr. pot plants \$2.00, 3 yr. pot plants \$3.00.

**SIEboldi.** Japanese Hemlock to great proportions, up to 80 ft. In cultivation this tree usually is small, with horizontally spreading branches, forming an oval head. 2 yr. pot plants \$2.00, 3 yr. pot plants \$3.00.

## TORREYA

**TORREYA NUCIFERA.** Japanese tree. Quite handsome with spreading branches forming a pyramidal effect, with round top. 2 yr. pot plants \$2.00.

## VIBURNUMS

Among this group of plants, are some of our most attractive flowering and fruiting shrubs. Most all of them grow well in simple garden soil, and prefer some sunshine rather than dense shade, though a few of them grow well in wooded areas.

There are a few that are tender, and these are noted so in the following list, but generally most all are very hardy and will stand full exposure.

Some produce very fragrant flowers and are lovely, while others produce large handsome flowers without any fragrance. Not all are noted for their fruits, but in turn either give a handsome display of flowers, or their fall coloring of leaves make them well worth while.

They require so little attention, except where they are tender, they should rate among our most leading plants for general use. We have divided them into two groups, first those that lose their leaves during winter, including those that are known as semi-evergreen because the leaves begin to fall during early winter, and second, those that retain their leaves during the entire winter.

**DECIDUOUS VIBURNUMS**

**ACERIFOLIUM.** American species with leaves similar to the maple. Flowers white in early spring followed with red to black fruit. Leaves are a handsome color in fall.

**BETUIFOLIUM.** Tall growing Viburnum from China. Leaves bright green and fruit is red.

**BITCHIENSE.** Japanese Viburnum with sweet scented flowers, blush-white.

**BUDDLEFOLIUM.** Chinese Viburnum with large semi-evergreen leaves 5 to 8 in. long. Berries red, finally black.

**BURKWOODI.** Cross between Carlesi and Utile. Flowers similar to Carlesi, being pinkish to white and very fragrant; leaves are similar to Utile though a bit larger, being a dark shiny green and handsome. It is semi-evergreen and it produces very handsome fruit, coloring white to red to finally black. 12 to 18 in. \$1.50, 18 to 24 in. \$2.50, 24 to 30 in. \$3.50, 30 to 36 in. \$4.50, 3 to 4 ft. \$6.50, 4 to 5 ft. \$9.00, 5 to 6 ft. \$12.50.

**CARLESI.** Viburnum from Korea with handsome, very fragrant flowers. The buds are pink and open white in very early spring. Leaves in fall take on an autumn tint. 12 to 18 in. \$2.00, 18 to 24 in. \$3.50.

**CASSINOIDES.** American species with blue-black fruit. Leaves turn a fine autumnal color in fall.

**DENTATUM.** Branchy shrub with blue-black berries.

**DILATATUM.** Handsome Viburnum from Japan. Berries are red in great profusion. 12 to 18 in. \$1.00, 18 to 24 in. \$1.50, 2 to 3 ft. \$2.00, 3 to 4 ft. \$3.00.

**DILATATUM XANTHOCARPUM.** Very handsome form of the preceding, with pale-yellow berries in profusion.

**FRAGRANS.** Chinese species. Very fragrant flowers in very early spring, blush-pink, on erect branches.

**FRAGRANS CANDIDISSIMUM.** Similar to preceding, with white flowers which are very fragrant.

**HUPEHENSE.** Viburnum from China. Shiny foliage and bright red berries.

**ICHANGENSE.** Chinese species with leaves a dull green. Berries bright red.

**LANTANA.** Strong growing Viburnum with attractive leaves, rather rough. White flowers clustered in spring followed with fruit first red, turning black. 2 to 3 ft. \$1.50, 3 to 4 ft. \$2.50.

**LANTANAPHYLLUM.** Cross "Lantana x Rhytidophyllum." Leaves fairly large and fruit is red, turning blackish.

**LENTAGO.** Strong grower with shiny smooth leaves. Flowers creamy-white followed with fruit blue-black. 2 to 3 ft. \$2.00, 3 to 4 ft. \$2.50, 4 to 5 ft. \$3.00.

**LOBOPHYLLUM.** Chinese Viburnum resembling "Betulifolium." Leaves are distinct, being variable. Berries are a bright scarlet-red.

**MACROCEPHALUM STERLIS.** One of the handsomest of all Viburnums. Known as the Chinese Snowball, it is semi-evergreen, the leaves being very handsome, are a deep green. The flowers, which are displayed in extremely large heads in May, are pure white and each head measures from 7 to 9 inches in diameter, forming a perfect ball. Leaves stay on the plants until about January here in Maryland. There is no fruit because it is sterile. We believe this Viburnum to be hardy to about 15° below zero. 18 to 24 in. \$2.00, 24 to 30 in. \$3.00, 30 to 36 in. \$4.00, 3 to 3½ ft. \$5.00, 3½ to 4 ft. \$7.50, 4 to 5 ft. \$10.00, 5 to 6 ft. \$12.50 to \$20.00.

**OPULUS.** Common Snowball with red fruit like cranberries, and the leaves display fine autumnal color. 2 to 3 ft. \$2.00.

**OPULIS STERILIS.** Common Snowbell with balls of white flowers in spring. 2 to 3 ft. \$2.00.

**OPULUS XANTHOCARPUM.** Yellow fruiting form of Opulus.

**PRUNIFOLIUM.** Tall growing American species. White flowers in spring followed with white, then red fruit turning black. Very showy.

**PUBESCENS.** Large shrub with dark green leaves which are fairly large. Fruit is first blue then turns black.

**PUBESCENS CANBYI.** The leaves are thinner, larger and broader, but very close to the type.

**PUBESCENS VENOSUM.** This form is so very close to the type it is hard to find the difference.

**MOLLE.** Is distinct and recognized by the flaky bark and the light gray young branches.

**SIEBOLDI.** Japanese Viburnum. Strong grower with very attractive leaves. Flowers creamy-white, fruit pinkish turning blue-black. Will grow up to 15 ft.

**SARGENTI.** A very handsome Viburnum with leaves somewhat maple-leaf shape, turning very colorful in fall. The fruit is very handsome, being bright red in clusters. 2 to 3 ft. \$2.00, 3 to 4 ft. \$3.00.

**SETIGERUM.** *Theiferum.* Strong growing Viburnum from China. One of the most attractive of all Viburnums when in fruit. Masses of very bright red fruit hang from twigs over the entire plant and holds the color until very hard freeze. Foliage also is very attractive during the entire summer. Very hardy and can be rated among the very best of Viburnums. 2 to 3 ft. \$2.00, 3 to 4 ft. \$3.50.

**TOMENTOSUM.** Handsome shrub Viburnum with white flowers well displayed along horizontal branches. Fruit red, turning blue-black. 2 to 3 ft. \$2.00, 3 to 4 ft. \$3.00.

**TOMENTOSUM PLICATUM.** Sterile. Similar to preceding in form, the leaves are a bit thicker, the flowers are more rounded and very showy, and there is no fruit. 3 to 4 ft. \$3.00, 4 to 5 ft. \$4.00, 5 to 6 ft. \$5.00.

**VEITCHI.** Chinese species. Pale gray-green, almost rounded leaves. Flat clusters of creamy-white flowers followed with fruit first red, turning purple to black. 3 to 4 ft. \$3.00, 4 to 5 ft. \$4.00.

**WRIGHTI.** Japanese species with large rough leaves. The handsome red fruit, which is in abundance, is well displayed against the lustrous green leaves. Very handsome. Additional Viburnums, of which we are working up stock. These are rare and stock is extremely limited. Few will not be available until later.

**CORYLIFOLIUM.** Slow growing shrub from Himalaya. Berries bright red.

**JUDDI.** Similar to Carlesi, with fragrant pink-tinted flowers freely produced. This Viburnum is a much better grower than its parent Carlesi, and we class it among the best.

**OVATIFOLIUM.** Chinese shrub of medium height, flowering in summer. Berries are bright red.

**PHLEBOTRICHUM.** Japanese species growing to about 6 ft. high. Berries bright red.

**BUREJAETICUM.** Shrub from N. China growing to near 15 ft.

**TOMENTOSUM-MARIESII.** Large cymes and ray-florets, freely borne upon the conspicuously flat branches.

**TOMENTOSUM-ROSEA.** Flowers tinted pink.

### EVERGREEN VIBURNUMS

**DAVIDI.** Compact, handsome Viburnum of low growth. Broad leaves a rich bronzy-green are beautiful, and the fruit is turquoise-blue. Requires male and female plants nearby to set fruit. Not hardy north of Virginia.

**HENRYI.** Exeremely handsome, but also tender. The leaves are long and narrow and a very beautiful rich green. The fruit is bright red, changing to black.

**RHYTIDOPHYLLUM.** Handsome species with rough evergreen leaves, long and fairly narrow. The new growth appears a brownish color while the older leaves are a dark green. Fruit is bright red in large clusters, turning black. Two or more plants should be planted in group for heavy fruiting. 12 to 15 in. \$1.50, 24 to 30 in. \$3.50, 30 to 36 in. \$6.00, 3 to 4 ft. \$8.00, 4 to 5 ft. \$10.00.

**UTILE.** Handsome evergreen leaves, shiny green, on rather open branches. Small white flowers are fragrant. Hardy here at Kingsville. 3 yr. pot plants \$2.50.

All Viburnums which are not with stated sizes and prices are very likely available and we will gladly advise sizes and cost on any that you may be interested in securing. Some few may not be available at present, but are being propagated.

### VINCA MYRTLE VINE (PERIWINKLE)

**MAJOR.** Strong vine with large evergreen leaves and large blue flowers. Fast grower covering quite a large area of ground.

**MINOR.** Well known periwinkle vine, or myrtle, with evergreen leaves and blue flowers. Forms a mat and used as a ground cover.

**MINOR ALBA.** White flowering form of the preceding.

**MINOR BOWLES.** Improved variety with clear blue flowers.

**MINOR ALPINA.** *Purpurea.* Periwinkle vine with reddish-purple flowers.

3 in. pot plants 2 to 3 yr. at 50c each.

**WEIGELAS**

Deciduous shrubs, usually growing from 3 to 6 ft., generally flowering in May and June. There is quite a difference among the many varieties, and their masses of flowers displayed in spring, are very interesting. They are easy to grow, requiring only a good garden soil, with an occasional feeding. Planted in full sun, they develop sturdier plants and more flowers. Few are a little tender and will freeze back in severe winter weather, but they generally send up new shoots from the base and quickly develop a new plant.

**AMABILIS.** Strong grower with pale pink flowers. 3 to 4 ft. \$2.00, 4 to 5 ft. \$3.00.

**AVALANCHE.** Strong grower with handsome white flowers. 4 to 5 ft. \$3.00.

**AVANT GARDE.** Brilliant large pink flowers. 2 yr. plants \$1.50.

**BOUQUET ROSE.** Large flowering, about 1 in. to 1½ in. diameter. Pale pink. Small plants only.

**CANDIDA.** Very upright grower with pure white flowers. 4 to 5 ft. \$3.00.

**CONQUETE.** Fine pink flowers nearly 2 in. across. 2 yr. plants \$1.50.

**DESBOISE.** Strong grower with lovely rose-pink flowers in abundance. 4 to 5 ft. \$3.00.

**EVA RATHKE.** Deep bright crimson, late bloomer, slow growth. 3 to 4 ft. \$3.00.

**FAIRY.** Rather tender variety. Flowers soft pink.

**FEERIE.** Medium grower, hardy once established. Flowers very handsome rose-pink. 4 to 5 ft. \$3.00.

**FLOREAL.** Very early flowering, large rose color. Rather tender.

**FLORIBUNDA.** Very strong grower with flowers in profusion, bright crimson. 4 to 5 ft. \$3.00.

**FOLIIS PURPUREIS.** Slow grower with dark purplish-green leaves, and deep pink flowers. Small plants only.

**GRACIEUX.** Flowers white on the inside of the corolla and streaked with purplish-pink outside, very large.

**GIRONDIN.** Very attractive with its cherry-red flowers. 4 to 5 ft. \$3.00.

**GUSTAV MALLOT.** Very strong grower with deep rose flowers. 4 to 5 ft. \$3.00.

**HENDERSONI.** Very strong grower with bright rose-pink flowers. 4 to 5 ft. \$3.00.

**LA PERCE.** Creamy white, flushed pink. 2 yr. plants \$1.50.

**LE PRINTEMPS.** Very strong grower with handsome carmine and pink flowers.

**MME. COUTOURIER.** A very fine white flowering Weigela. 2 yr. plants \$1.50.

**MONT BLANC.** Flowers are pure white and quite large. 2 yr. plants \$1.50.

**OTHELLO.** Strong grower with clear rich rose colored flowers. 4 to 5 ft. \$3.00.

**PROFUSION.** Strong grower, profuse bloomer. Flowers rich deep pink. 4 to 5 ft. \$3.00.

**RICHESSE.** Once established it is very hardy. Flowers in profusion, rich rose-pink. 4 to 5 ft. \$3.00.

**STELZNER.** Strong grower with bright pink flowers in profusion. 4 to 5 ft. \$3.00.

**VAN HOUTTEI.** Very strong grower with carmine-red flowers. 4 to 5 ft. \$3.00.

**XANTHOCERAS**

**SORBIFOLIUM.** Shiny leaf yellow horn. Shrub or small tree with fern-like leaves. The flowers are white, marked crimson, produced in spikes somewhat like those of the Horse Chestnut. Small plants, 8 to 12 in. \$2.50, 12 to 18 in. \$3.50.

**HEMEROCALLIS—DAYLILIES**

APRICOT	MEEHANI
AURANTICA MAJOR	MILDRED ORPET
AUREOLA	MIKADO
ALADDIN	MODESTY
AUGUST PIONEER	MONCURE'S ORANGE
AUTUMN PRINCE	SEEDLING
BOUTENIERE	MONGOL
BAY STATE	MRS. A. H. AUSTIN
BERWYN	MRS. CRAWFORD
CALYPSO	MRS. W. H. WYMAN
CHENGTU	MASSASOIT
CINNABAR	PATRICIA
CIRCE	PEONY-RED
CABELLERO	PORT
DAUNTLESS	PURPLE WATERS
DR. STOUT	PORTIA
DR. REGAL	QUEEN OF MAY
DOMESTICA	QUEEN WILHELMINA
DUCHESS OF WINDSOR	ROSALIND
DOROTHY McDADE	RED BIRD
ELAINE	RAJAH
ENCHANTRESS	REBA COOPER
ESTELLE FRIEND	ROYALTY
ELIZABETH	REVOLUTE
FLAVA	SEMPERFLORENS
FLAVA (Maculata)	SERENADE
FLAVA MAJOR	SHARON
GLOAMING	SHIRLEY
GOLDENI	STAR OF GOLD
GOLD DUST	SUMMER MULTIFLORA
GOLD STANDARD	SOUDAN
GYPSY	SANTA MARIA
GENEVIERE	STALWART
GEORGE KELSO	THERON
GRANADA	THE GEM
HANKOW	THUNBERGI
HYPERION	THYRSE
HELEN WHEELER	TRAUB'S 518
INDIAN CHIEF	VESTA
JOHN BLAZER	VICTORY MONTEVIDEO
KWANZO-VIRGINICA	VICTORY x TAIERHCH-
LA TULIPE	WANG
LEMONA	VULCAN RED
LIDICE	WEKIWA
LINDA	WAUBUN
LIZZIE GUISSEPE	WINSOME
LUSTROUS	YELLOW DWARF
MARGARET PERRY	SEEDLING

Daylilies come into flower, many of them, when blossom is needed in our gardens. A collection of them will brighten the garden from early spring to late fall. Requirements for growing them are simple for they need only a little care.

Best results are obtained by planting them in slightly partial shade, as this preserves the flower and its color. Hot sun soon wilts the flowers and fades the color.

They should be replanted every three years and new plants established from division of plants. This helps you to rapidly build up plants for more extensive planting. Well drained soil and a little feeding brings very fine results.

The preceding collection of Daylilies represents a fine group of varieties, extending flowering season a long time.

We are not individually pricing each variety, but are offering them all at the same cost per each.

Generous size plants at 50c; per ten, \$4.00; per 100, \$30.00.

Collections can be made up in lots of one or two or more of a kind, and the rate per 10 and per 100 remains the same.

Size of plants generally run two leaders or more, and only on slow growing varieties do we use only one leader.

## *Twelve Months of Flowering Shrubs and Trees*

### JANUARY:

**HAMAMELIS VIRGINICA  
CHIMONANTHUS FRAGRANS  
ERICA CARNEA AND WINTER BEAUTY  
PARROTIA PERSICA**

### FEBRUARY:

**PARROTIA PERSICA  
HAMAMELIS JAPONICA AND JAPONICA VARIETIES  
ERICA CARNEA AND WINTER BEAUTY  
HAMAMELIS VERNALIS  
HAMAMELIS MOLLIS  
VIBURNUM FRAGRANS**

### MARCH:

**HAMAMELIS MOLLIS  
ERICA CARNEA AND WINTER BEAUTY  
CORNUS MAS  
DAPHNE ODORA  
DAPHNE MEZERIUM  
PRUNUS MUMI  
VIRBURNUM FRAGRANS**

### APRIL:

**CORYLOPSIS—in Var.  
LOROPETULUM-CHINENSIS  
FLOWERING CHERRIES. Single Flowering Var.  
PRINSEPIA—in Var.  
CHAENOMELES—Flowering Quinces.  
RHODODENDRON KEISKEI  
RHODODENDRON-MUCRONULATUM  
MAGNOLIAS  
FORSYTHIA—in Var.  
PIERIS-ANDROMEDA**

### MAY:

**DOGWOODS (Cornus)  
FLOWERING CRAB  
FLOWERING CHERRIES  
AZALEAS—in Variety  
SHRUBS OF MANY KINDS  
STYRAX  
VIBURNUMS  
HAWTHORNS**

### JUNE:

**MAGNOLIA-SIEBOLDI  
AZALEAS—Late Flower Varieties  
RHODODENDRON HYBRIDS  
WEIGELAS—Many Varieties  
CORNUS KOUZA  
DEUTZIAS  
AZALEA CALENDULACEA**

### JULY:

**CYRILLA RACEMI FLORA  
OXYDENDRUM ARBOREA  
ABELIA  
STEWARTIAS  
RHODODENDRON MAXIMUM**

### AUGUST:

**ABELIA  
ADINA RUBELLA  
FRANKLINIA  
CREPE MYRTLE  
SYRINGA MICROPHYLLA  
AZALEA PRUNIFOLIUM  
SOPHORA JAPONICA**

### SEPTEMBER:

**ABELIA  
FRANKLINIA  
CREPE MYRTLE**

**OCTOBER:**

**DISANTHUS CERCIDIFOLIUM  
ELEAGNUS PUNGENS AND VARIETIES  
CAMELLIA SASANQUA—in Variety**

**NOVEMBER:**

**DISANTHUS CERCIDIFOLIUM  
ELEAGNUS PUNGENS AND VARIETIES  
CAMELLIA SASANQUA—in Variety**

**DECEMBER:**

**ELEAGNUS PUNGENS AND VARIETIES  
ERICA CARNEA AND WINTER BEAUTY  
HAMAMELIS VIRGINICA**

Many additional plants can be added in preceding months, except those months when freezing occurs.

## *Special Notes*

**ARSENIC OF LEAD**,  $1\frac{1}{2}$  lbs. to 25 gallons of water, will control all chewing insects, that is, those insects which eat leaves and foliage. Example: In early spring the web-worm appear on flowering Crabs, etc. Spray foliage with above mixture for control.

In late June, spray all Junipers, Retinosporas and other plants and trees that generally are attacked with bagworm. Spray all foliage with above mixture.

In August, spray flowering Cherries, Dogwoods, Oaks and other trees that are attacked with Fall web-worm. Spray all foliage with above mixture.

**NICOTINE OR BLACK LEAF 40**,  $\frac{1}{2}$  pint to 50 gallons water ( $1\frac{1}{2}$  teaspoonfuls to one gallon) controls Aphis and several other sucking insects. For control of Red Spider, use high pressure of water, washing the plant clean. They are hard to control and kill otherwise. A spray mixture of 1 gal. (liquid form) Lime and Sulfur to 50 gals. water controls Boxwood Wilt and at the same time generally kills the Red Spider. Boxwood Wilt is found on Boxwood branches that turn sickly in appearance and begin dying, sometimes killing the entire branch and eventually the whole plant. Use strong-pressure spray when applying control liquid, thoroughly soaking every leaf and all parts of stems and branches.

**BORDEAUX** is considered one of the most efficient of the fungicides. Control of powdery-mildew, leaf-spot, and other fungi can be readily controlled by following instructions carefully. For example: Powdery-mildew on the surface of lilac leaves.

**DORMANT OIL SPRAYS**, applied on warm days during late winter, will control oyster-shell scale, scurfy scale and San Jose scale.

**BLACK LEAF 40**, ( $\frac{1}{4}$  pint) and **C. P. O.** (2 lbs.) to 25 gal. water, will control Lace-fly on Azaleas and Rhododendrons. Lace-bug hatching occurs the latter part of May, spray just as hatching is about completed. Follow up during summer and early fall, when the second and possible third hatching occurs. Brush the leaves with hand and small fly will appear, letting you know that hatching has begun.

**PLANTS RESPOND TO CAREFUL FEEDING**, and are handsome if care and attention is given them. The only chance they have is with your help. For general use, a complete fertilizer (4-8-12) should be applied to each plant.

For Broad-leaf plants, such as Azaleas, Rhododendrons, etc., a prepared fertilizer especially for Broad-leaf plants (7-7-5) or nearest to this should be used.

**WATERING CAREFULLY** is very necessary during dry weather. Make certain that the water penetrates to the very base of roots, as top watering during a dry spell will only burn the plant badly. Water must reach the deepest roots. Drill holes between roots with a bar and place nozzle of hose in the hole, leaving there until the ground is completely wet.

**MULCHING AND PROTECTION DURING WINTER.** Some plants must have protection during the winter. Shallow rooted plants must have a good mulch over the roots. (Rotted hardwood sawdust, ground corn-cobs, etc., are good for this purpose). This prevents the plant from lifting out of the ground during the freezing and thawing periods. If in doubt about the plant needing the mulch, then mulch and play safe.

Tops often freeze or burn during the winter. Place a covering of cut honeysuckle, pine, spruce, etc. over the plant to shield from warm sun. Boxwood can be kept a handsome green if given this covering during the winter. Azalea flower buds are also protected against freezing if given this cover.

Never use fresh manure for mulching as it will very likely cause damage around the base of the plant, also it is a harboring place for insects to store over winter. Use good old rotted manure if available.

**EARLY WINTER WATERING.** Though late summer watering is discouraged because it stimulates a late soft growth on plants, it is extremely necessary that all plants go into the winter in a good moist condition. September, November and December are usually on the dry side with only little rainfall; therefore, a heavy watering should be given plants sometime in late November or early December to make certain that they do not go into winter in a dry condition. Watering at this time will save many plants that might otherwise die during the winter.

**PRUNING IS SIMPLE TO FOLLOW.** During late winter, only prune back hard those plants that do not flower until summer and fall. Example: Vitex, Buddleias, Altheas, etc.

All plants that flower during the spring should never be pruned until after they flower, then hard pruning can be done and new shoots for the following spring flowers will develop rapidly. Example: Forsythias, Spireas, Mock-orange, etc.

Healthy plants are good to look at, and enjoy having. Keep them healthy by giving them the little care they need.

1959

# KINGSVILLE NURSERIES

## KINGSVILLE, MARYLAND

### SUPPLEMENT LIST

New and Rare Plants are included that have not been offered before.

**ILEX OPACA: American Holly**

**"DR. S. EDWIN MULLER"**

Wonderful form, upright in near fastigate type, with thick branching growth. Leaves perfectly spined, a rich dark green.

The profusion of bright red berries are visible all over the tree, and are a fine large size. Parent plant is only about 9 ft. wide, yet is 25 ft. high. This Exceptionally fine American Holly is limited in number of plants now ready for sale.

4" pot plants 2 yr. grafts - \$3.00 ea.

**Cercis canadensis, var. "WITHERS PINK CHARM"**

A handsome clear, true pink red-bud.

Found by D. D. Withers in the Mts. at Mt. Solon Virginia 20 years ago. This beautiful small tree is now available in limited quantity.

18-24"	\$ 4.00
24-30"	5.00
30-36"	6.00
3-4 ft.	8.00
4-5 ft.	10.00
5-6 ft.	12.50
Extra heavy branched twice transplanted.	
3-4 ft. B & B	12.00
4-5 ft. B & B	15.00

**Prunus "HALLY JOLIVETTE"**

Charming new flowering cherry that produces great quantities of dainty pale pink blossoms, semi-double, in spring. A small tree, or can be grown in large specimen shrub form, with many twiggy branches of lovely grace. Truly one of the finest of new introductions.

2-3 ft.	\$ 5.00
3-4 ft.	7.50
4-5 ft.	9.00
5-6 ft.	12.50
6-7 ft.	15.00
7-8 ft.	18.00

**A NEW BOXWOOD; Buxus semp. "VARDAR VALLEY"**

An extremely hardy Boxwood of unusual form; When the plant reaches near 4 ft. wide, with a fairly uniform top, the height is only about 2 ft. high. This Buxus has been tested through winters as low as 20 degrees below zero, and with no injury. Foliage is glossy, dark green. An introduction of the Arnold Arboretum, and a most Worthy Boxwood. Available spring 1958.

**Malus "MARY POTTER" (Flowering Crab)**

Pure white flowers of fine form densely crowded over the entire small tree in spring, and the brilliant small red fruits hang in clusters in fall. As a specimen out in open space it is near unequalled for its' beauty in spring and fall.

3-4 ft.	\$ 5.00
4-5 ft.	6.00
5-6 ft.	8.00
6-7 ft.	10.00

**Cornus florida, var. "PYRAMIDAL"**

Fine fastigiate form of the well known American white Dogwood. A good form of Dogwood especially where space for width is limited. A fine tree for lawn specimens and where accent is needed.

(Stock limited)

15-18"	\$ 3.00
18-24"	4.00
3-4 ft.	10.00
4-5 ft.	12.50

**Disanthus Cercidifolia**

A remarkable small tree, or large shrub attaining height and width up to 15 ft. Large heart-shaped leaves change from dark green to rich vinous-red, with touches of gold, in fall creating a remarkable vivid autumnal coloring. Flowers are red, but very small, and blossoms in December.

18-24"	\$ 3.00
24-30"	4.00
30-36"	5.00
36-42"	6.00

Few larger plants available, but entire stock is limited.

**Stewartia pseudo-camellia.**

Small tree to about 18 ft. of upright narrow habit. Very showy large white camellia-like flowers, cup-shaped, appear in July. The bright green leaves turn orange to scarlet in fall. A very fine unusual small tree.

3-4 ft.	\$ 4.00
4-5 ft.	5.00
5-6 ft.	6.00
6-7 ft.	7.00
7-8 ft.	8.50
8-10 ft.	12.50
10-12 ft.	15.00

**Acer saccharum "MONUMENTALE"**

Newton Sentry Maple.

Tree of rarity and great beauty. The very narrow upright form, it's monument of rich green during summer and it's impressive rich autumn color of golden-red makes this tree one of the handsomest.

3-4 ft.	\$ 7.50
4-5 ft.	10.00
5-6 ft.	12.50
6-7 ft.	15.00
7-8 ft.	20.00
8-10 ft.	22.50
10-12 ft.	25.00

**Acer rubrum "COLUMNARE"**

Rare columnar form of the well known red maple. Beautiful in spring when new growth starts, a rich green during summer, and in fall the leaves turn bronze to red. Very handsome.

18-24"	\$ 2.50
24-30"	3.50

Supplement of plants now available and which we have not yet cataloged. Prices and sizes upon application, where not mentioned.

**Abeliophyllum - distichum**

**Abies - Firs.**

alba pyramidalis	
amabilis	
concolor - violacea	
Delavayi	
Ernesti	
grandis	
koreana	
lasiocarpa	
lasiocarpa arizonica	
magnifica	
Mariesi	
Nobilis	
Nobilis glauca	
Nordmanniana - tortifolia	
numidica	
Pindrow	
recurvata	
venusta	

**Acer - maples**

capillipes - 12-18"	\$ 1.00
crataegifolium 24-30"	2.50
Davidi 2-3 ft. - 2.50; 3-4 ft. - 3.50 4-5 ft. - 5.00; 5-6 ft. - 7.50	

Ginnala	
mandshuricum	
Miyabei	
Mono	
Negundo-aurea variegatum - 5 ft. - 6.00	
nikoense	
rubrum - Schlesingeri	
triflorum	

Actinidia-chinensis - 6-7 ft. \$ 6.00  
 Aesculus-carnea var. Brioti 2 yr. grafts - 2.50  
     carnea    2 yr. grafts - 2.50  
 Albizia julibrissin var. rosea  
 Amelanchier;  
     asiatica  
     grandiflora-rosea  
     laevis  
 Berberis - verruculosa  
 Betula - (Birch)  
     alba  
     mandshurica (jap.)  
     pendula Youngi  
     alba fastigiata  
 Bignonia - capreolata  
 Buddleia  
     alternifolia - 2-3 ft. \$ 3.00  
 Camellia - japonica - hardy varieties  
     oleofera - hardy white fall flowering.  
 Caragana - Lorbergi  
     pendula  
 Carpinus  
     Betulus  
     Betulus columnaris  
     cordata  
     japonica  
     laxiflora  
     orientalis  
     Tschonoskii  
 Caryopteris - Blue Mist - \$ 1.50  
 Cedrus deodora  
 Cephalotaxus  
 Chamaecyparis  
     minima glauca  
     Laws. ellwoodii  
     Laws. forsteckensis  
     Pisif. squarrosa nana  
     Pisif. squarrosa pygmaea  
 Chamaedaphne - calyculata 3 yr. potted - 1.50  
 Clethra  
     acuminata  
     barbinervis - small plants.  
     tomentosa  
 Coriaria - japonica  
 Cotoneaster - large collection.  
 Craetaegus - Autumn Beauty  
 Cryptomeria  
     daeriyodies  
     Bandai-sugi  
 Cunninghamia  
     lanceolata  
     lanceolata glauca  
 Decumaria - barbara - 4" pot 1.50 & 2.00  
 Dirca - palustris - 2-3 ft. 2.00  
 Exochordia - Koroikowi  
 Forsythia - bronxensis - dwarf 1.50  
 Ginkgo - biloba pendula  
 Illicium floridum (Anise-tree)  
 Leptodermis - oblonga  
 Liquidambar - formosana - Korean sweet - gum  
 Maackia - chinensis  
 Mahonia - Fortunei  
 Meliosma - pendens  
 Nandina - domestica  
 Parrotiopsis - Jacquemontiana  
 Periploca - sepium  
 Picea - spruce  
     Exc. pendula  
     Asperata  
     Retroflexa  
     R. H. Montgomery  
     Likiangensis  
     Thompsoni - blue  
     Jezonensis Hondoensis

**Bicea - cont. (spruces)**  
 obovata  
 Maximowiczii  
 sitchensis  
**Pieris - formosa**  
 Forresti  
**Pinus - oculus - draconis**  
 flexilis  
 Griffithi  
 koreiensis  
 Massoniana  
 sinensis  
 strobis fastigiata  
 Thunbergi  
**Potentilla - \$ 2.50 Ea.**  
 fruiticosa - Farreri  
 fruiticosa - Veitchi  
 Katherine Dykes  
 Gold Drop  
**Prunus**  
 serrula  
 tomentosa  
**Rosa;**  
 Harrison's yellow 2 yr. - 2.00  
 Fruehling's Gold 2 yr. - 2.00  
**Ruscus - sculeatus**  
**Shepherdia - argentea 4/5' - 2.50**  
**Sorbus**  
 alnifolia  
 aucuparia  
 aucuparia pendula  
**Spirea**  
 bullata nana - Dwarf - 2.00  
**Tamarix**  
 summer glow 2 to 3 yrs. 2.00  
**Taxodium - ascendens**  
**Trochodendron - aralioides 5-6 yr. - potted 4.00**  
**Viburnum;**  
 "WILLOWWOOD"

#### The Arnold Arboretum

deserves much praise for their new introductions of the following plants:

Prunus "Hally Jolivette"  
 Buxus semp. "Vardar Valley"  
 Malus "Mary Potter"  
 Cornus Florida "Pyramidal"  
 These are truly great plants that are rated with the finest.

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*Visitors to Kingsville Nurseries  
may combine a delightful drive  
through Maryland's countryside  
and the interest and beauty of  
the many rare plants to be seen  
in our Nurseries.*

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**Telephone: Fork 2931**

## *Location*

Kingsville is located 8 miles north of the City Line on Belair Road, main highway between Baltimore and Philadelphia, Route No. 1.

To reach our Nurseries, come to Kingsville, Md., on Belair Road. Turn west into road adjoining Kingsville Inn, on north side, known as Ole's Road. Keep to right at fork on Ole's Road, at top of hill. Drive in on this road to

*"Quiet End"*

# **KINGSVILLE NURSERIES Kingsville, Maryland**

**Telephone: Fork 2931**

**H. J. HOHMAN**

Only 8 miles from Baltimore City Line  
Near Kingsville Inn